

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042608.D
 Acq On : 03 Jun 2025 13:35
 Operator : SY/MD
 Sample : Q2126-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Quant Time: Jun 04 01:49:47 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/04/2025
 Supervised By : Mahesh Dadoda 06/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.784	49	100961	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	278712	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	246919	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 190124 10.272 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	6417	0.517	ppbv	98
3) Chlorodifluoromethane	1.476	51	9071	0.531	ppbv	96
4) Chloromethane	1.531	50	2614	0.532	ppbv	96
5) Vinyl Chloride	1.580	62	2222	0.444	ppbv	95
6) Bromomethane	1.667	94	1123	0.461	ppbv	82
7) Chloroethane	1.703	64	1129	0.580	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	5616	0.543	ppbv	96
9) Propene	1.483	41	3193	0.464	ppbv	86
10) Heptane	4.975	43	7757	0.400	ppbv	98
11) Trichlorofluoromethane	1.877	101	6290	0.545	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.136	101	4499	0.496	ppbv	91
13) Ethanol	1.722	45	685	0.835	ppbv	99
14) Bromoethene	1.780	108	1977	0.580	ppbv #	78
15) Acetone	1.835	43	6488	0.534	ppbv	92
16) 1,3-Butadiene	1.609	39	2958	0.513	ppbv	91
17) tert-Butyl alcohol	2.042	59	6220	0.491	ppbv #	89
18) 1,1-Dichloroethene	2.033	96	2108	0.502	ppbv	95
19) Isopropyl Alcohol	1.887	45	3549	0.488	ppbv #	69
20) Methylene Chloride	2.059	84	2385	0.594	ppbv #	86
21) Allyl Chloride	2.094	41	4335	0.505	ppbv	97
22) trans-1,2-Dichloroethene	2.337	96	2221	0.473	ppbv #	72
23) Vinyl Acetate	2.463	43	7001	0.426	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	4436	0.459	ppbv	97
25) Ethyl Acetate	2.839	43	15514	0.466	ppbv	99
26) Hexane	2.823	57	6230	0.412	ppbv	84
27) Carbon Disulfide	2.146	76	5250	0.452	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2740	0.447	ppbv	92
29) Chloroform	2.845	83	10447	0.531	ppbv	97
30) Cyclohexane	3.858	84	5131	0.409	ppbv	93
31) cis-1,2-Dichloroethene	2.716	61	6796	0.491	ppbv	87
32) 1,1,1-Trichloroethane	3.366	97	9150	0.455	ppbv	93
34) 2-Butanone	2.560	43	10907	0.549	ppbv	95
35) Carbon Tetrachloride	3.758	117	9231	0.502	ppbv	91
36) Benzene	3.654	78	13329	0.486	ppbv #	94
37) 1,2-Dichloroethane	3.217	62	7539	0.553	ppbv	98
38) Trichloroethene	4.548	130	5978	0.512	ppbv #	86
39) 1,2-Dichloropropane	4.318	63	5040m	0.497	ppbv	
40) 1,4-Dioxane	4.596	88	2182m	0.480	ppbv	
41) Tetrahydrofuran	3.062	42	5249	0.451	ppbv	94
42) Bromodichloromethane	4.483	83	10471	0.540	ppbv #	85
43) Methyl Methacrylate	4.884	69	4480m	0.421	ppbv	
44) 2,2,4-Trimethylpentane	4.635	57	20911m	0.445	ppbv	
45) t-1,3-Dichloropropene	6.418	75	5145m	0.422	ppbv	

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Quant Time: Jun 04 01:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	6678m	0.437	ppbv	
47) 1,1,2-Trichloroethane	6.587	97	5434m	0.517	ppbv	
48) Dibromochloromethane	7.386	129	8001	0.476	ppbv	99
49) Bromoform	9.484	173	6593	0.454	ppbv	96
50) 4-Methyl-2-Pentanone	5.768	43	12225m	0.443	ppbv	
51) 2-Hexanone	7.444	43	8327m	0.381	ppbv	
52) Tetrachloroethene	8.221	164	4798	0.468	ppbv #	85
53) Toluene	6.930	91	12714	0.401	ppbv	99
54) 1,2-Dibromoethane	7.655	107	7200m	0.463	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.920	131	6514m	0.525	ppbv	
57) Chlorobenzene	8.924	112	12573m	0.524	ppbv	
58) Ethyl Benzene	9.354	91	17519	0.418	ppbv	99
59) m/p-Xylene	9.532	91	27519m	0.835	ppbv	
60) o-Xylene	9.966	91	13119	0.399	ppbv	97
61) Styrene	9.869	104	5589	0.360	ppbv	94
62) Isopropylbenzene	10.542	105	21748	0.448	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	10741	0.514	ppbv	99
64) n-propylbenzene	10.985	120	5391	0.414	ppbv	92
65) tert-Butylbenzene	11.529	119	20030	0.454	ppbv	97
66) Benzyl Chloride	11.616	91	1724m	0.304	ppbv	
67) sec-Butylbenzene	11.769	105	27392	0.442	ppbv	98
69) p-Isopropyltoluene	11.924	119	21462	0.414	ppbv	97
70) n-Butylbenzene	12.280	91	21136	0.413	ppbv	95
71) 2-Chlorotoluene	10.901	91	16562	0.447	ppbv	95
72) 4-Ethyltoluene	11.124	105	16565	0.404	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.205	105	14462	0.426	ppbv	90
74) 1,2,4-Trimethylbenzene	11.532	105	16780	0.446	ppbv #	82
75) 1,3-Dichlorobenzene	11.604	146	11563	0.489	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	11436	0.485	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	11439	0.499	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	10620	0.559	ppbv	98
79) Naphthalene	13.513	128	10091	0.284	ppbv #	95
80) Naphthalene,2-methyl-	14.461	142	1762	0.110	ppbv	92
81) 1,2,4-Trichlorobenzene	13.439	180	6057	0.306	ppbv	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

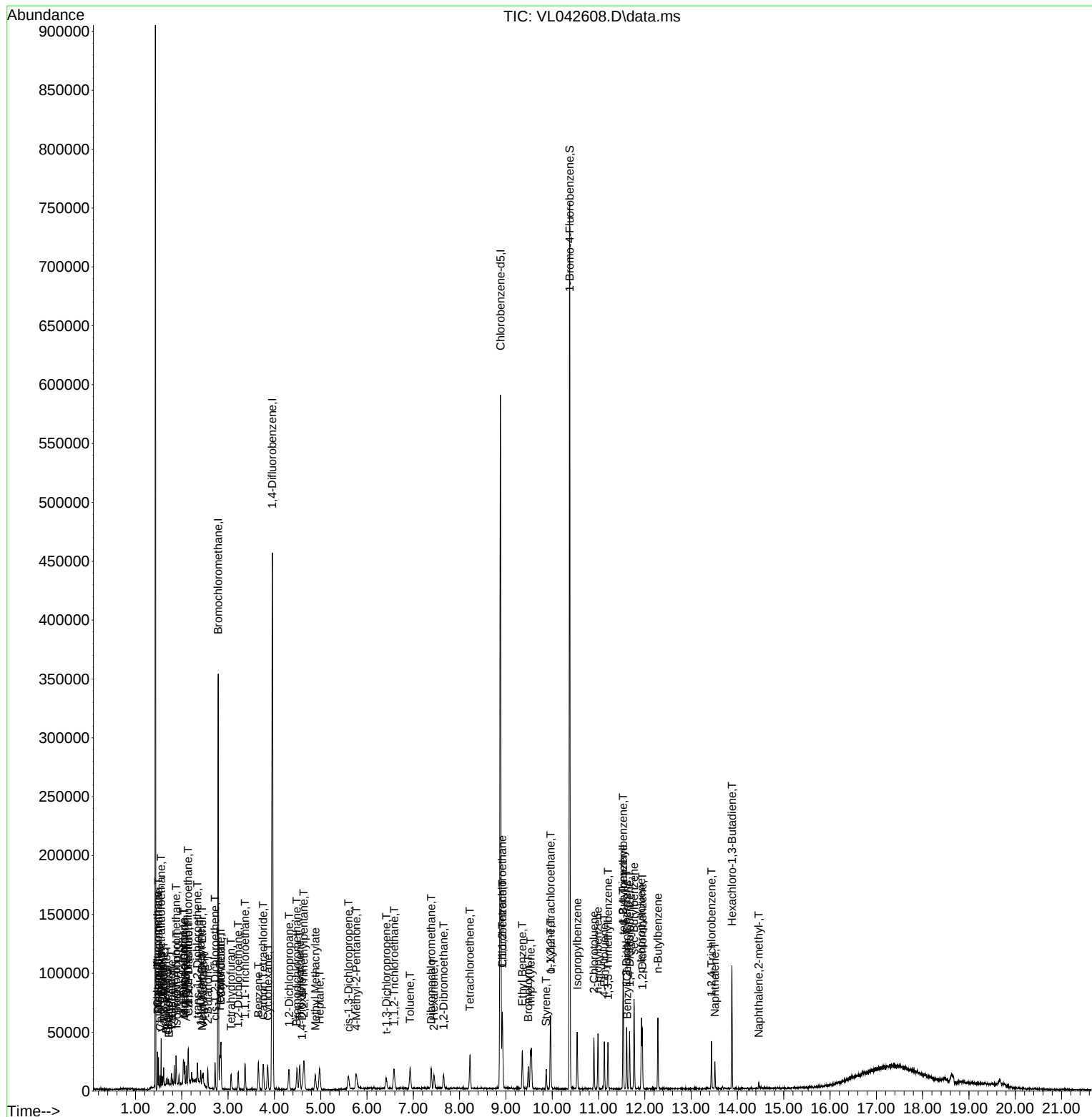
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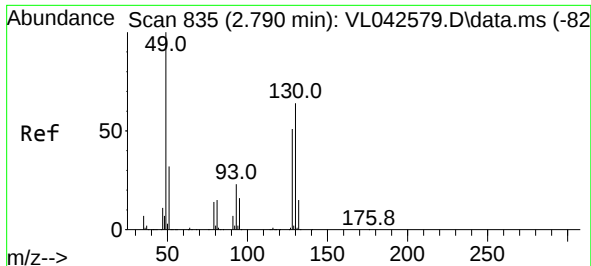
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

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Supervised By :Mahesh Dadoda 06/06/2025





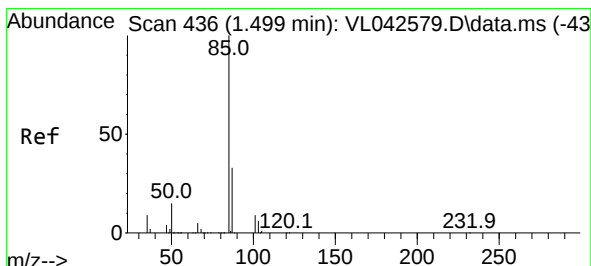
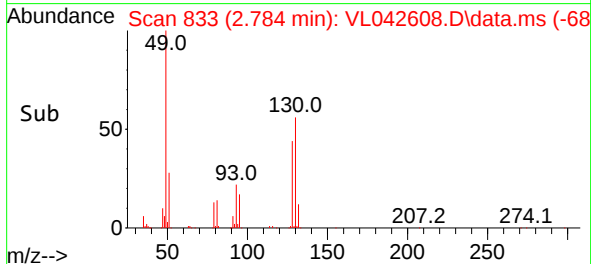
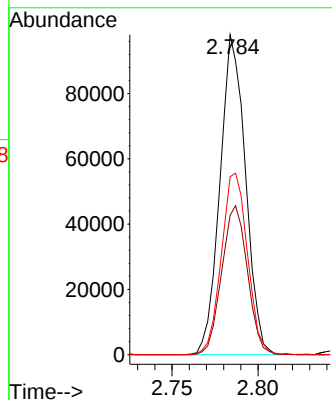
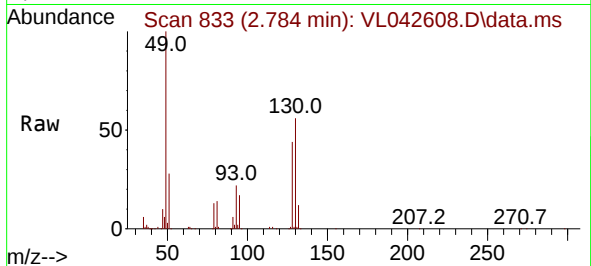
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 835
Delta R.T. -0.006 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 49 Resp: 10096
Ion Ratio Lower Upper
49 100
128 46.9 24.2 72.6
130 58.0 30.4 91.2

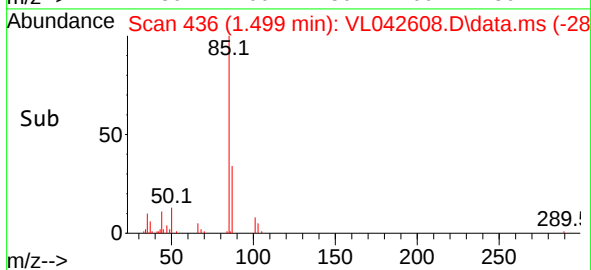
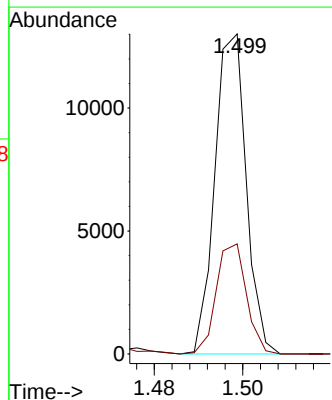
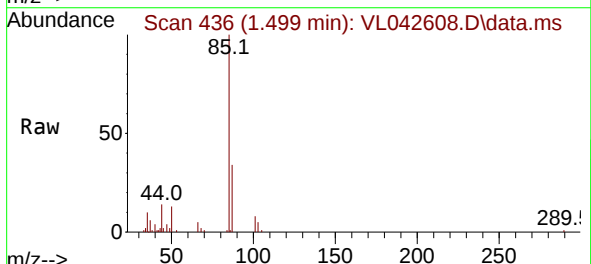
Manual Integrations
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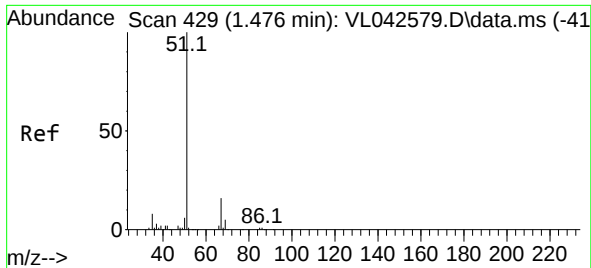
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#2
Dichlorodifluoromethane
Concen: 0.517 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

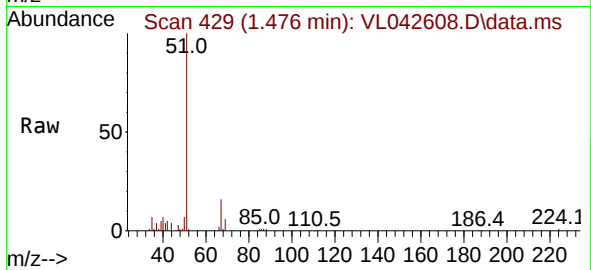
Tgt Ion: 85 Resp: 6417
Ion Ratio Lower Upper
85 100
87 34.4 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.531 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

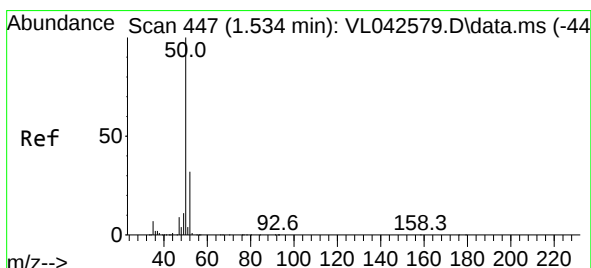
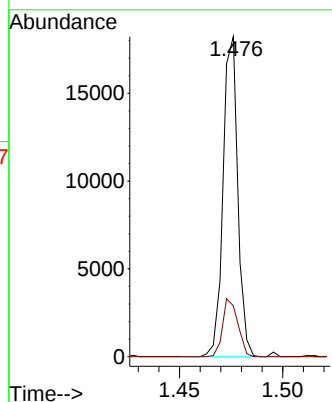
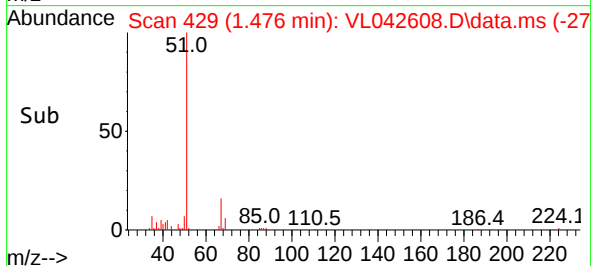
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



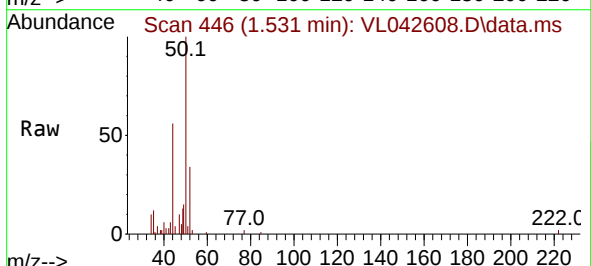
Tgt Ion: 51 Resp: 907
Ion Ratio Lower Upper
51 100
67 18.6 13.4 20.2

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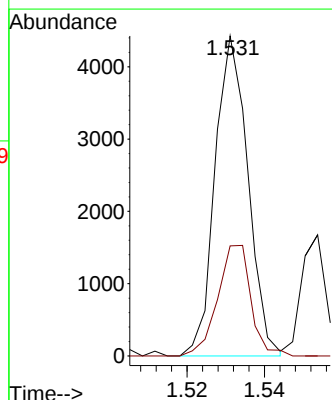
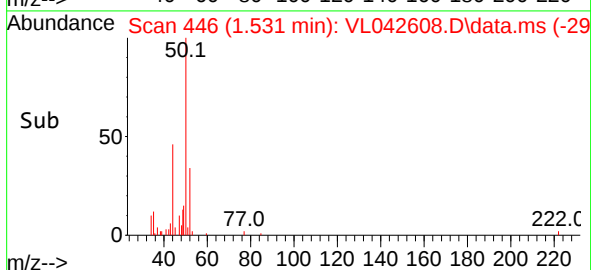
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

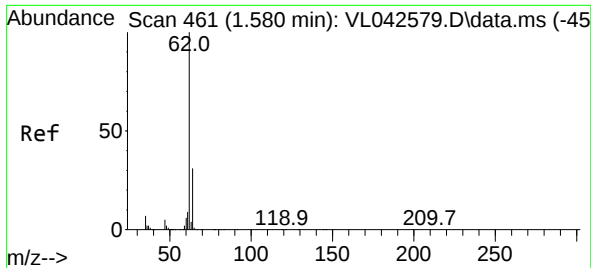


#4
Chloromethane
Concen: 0.532 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35



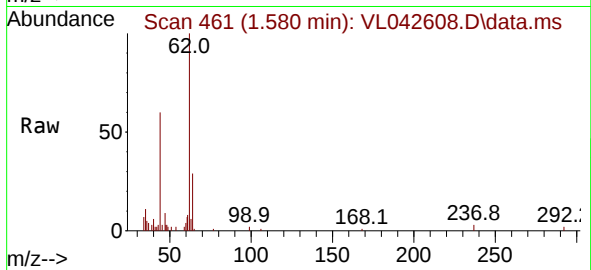
Tgt Ion: 50 Resp: 2614
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.6





#5
 Vinyl Chloride
 Concen: 0.444 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

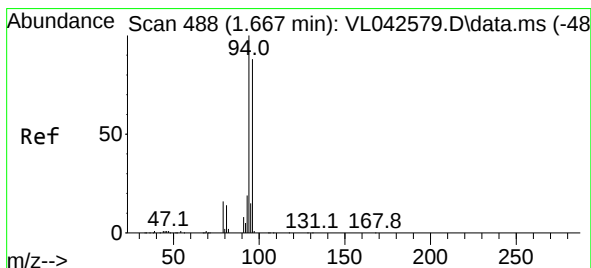
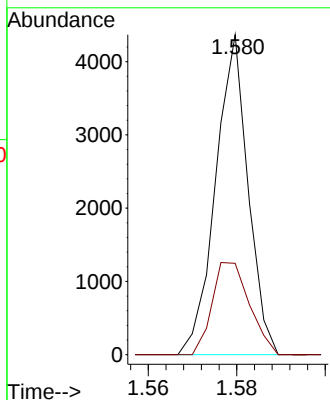
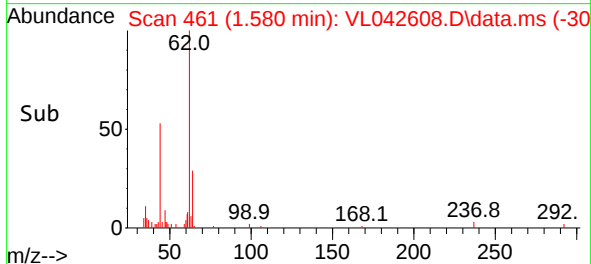
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 62 Resp: 222
 Ion Ratio Lower Upper
 62 100
 64 28.5 24.9 37.3

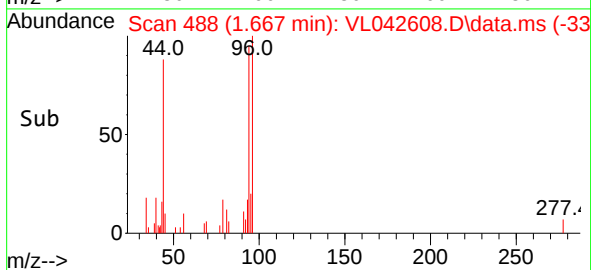
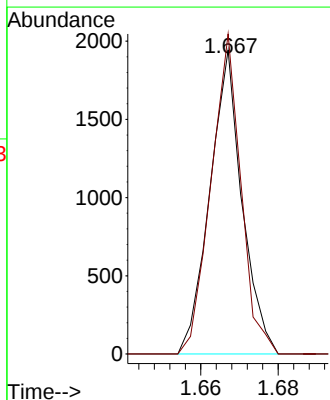
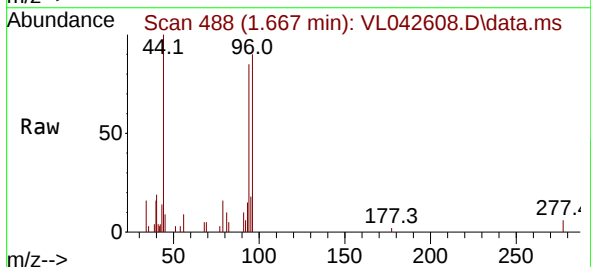
Manual Integrations
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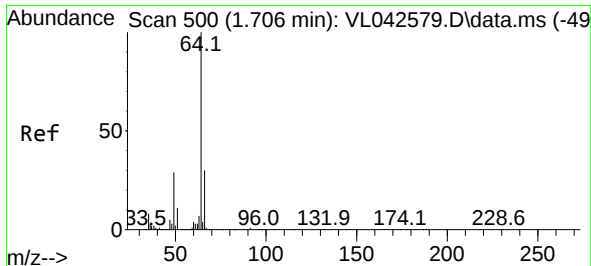
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#6
 Bromomethane
 Concen: 0.461 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

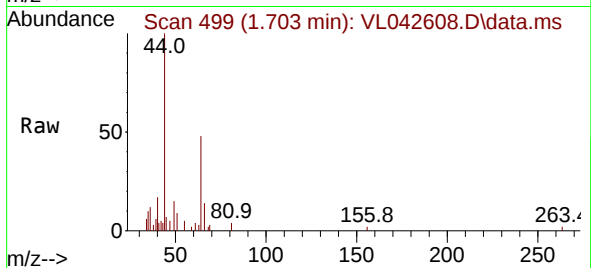
Tgt Ion: 94 Resp: 1123
 Ion Ratio Lower Upper
 94 100
 96 105.2 70.7 106.1





#7
Chloroethane
Concen: 0.580 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

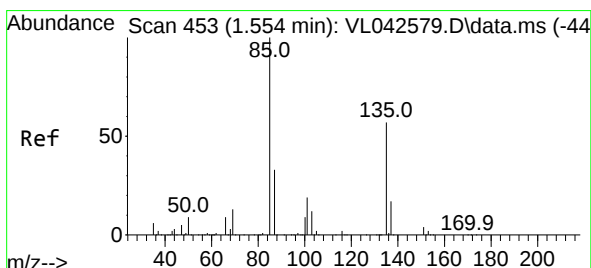
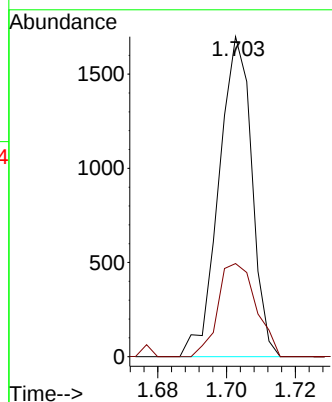
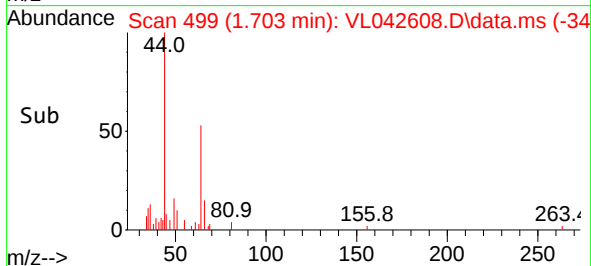
Instrument : MSVOA_L
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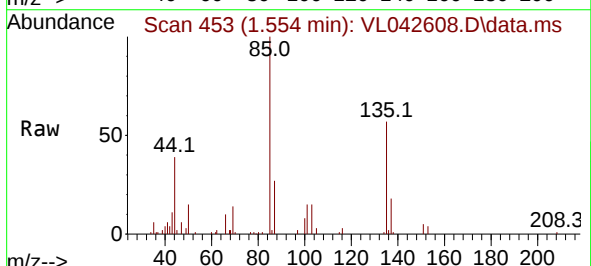
Tgt Ion: 64 Resp: 1129
Ion Ratio Lower Upper
64 100
66 29.1 24.3 36.5

Manual Integrations
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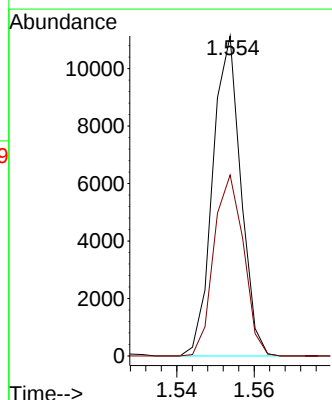
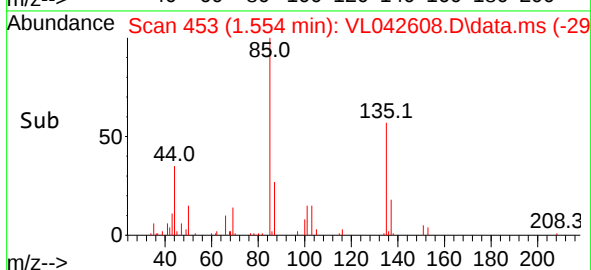
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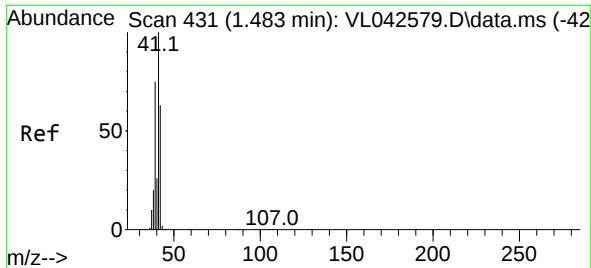


#8
Dichlorotetrafluoroethane
Concen: 0.543 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35



Tgt Ion: 85 Resp: 5616
Ion Ratio Lower Upper
85 100
135 59.8 50.2 75.4





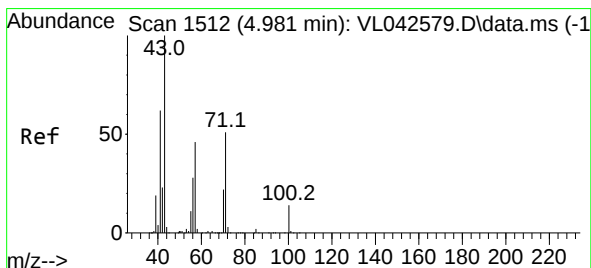
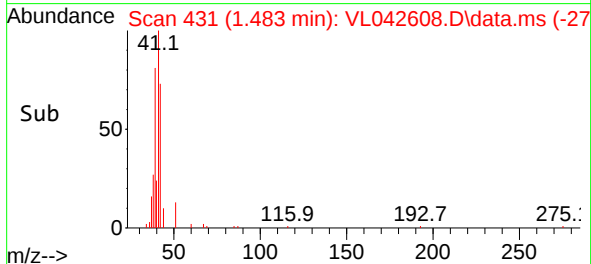
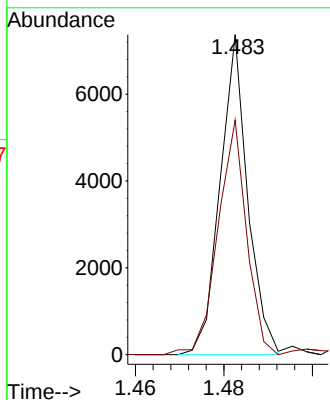
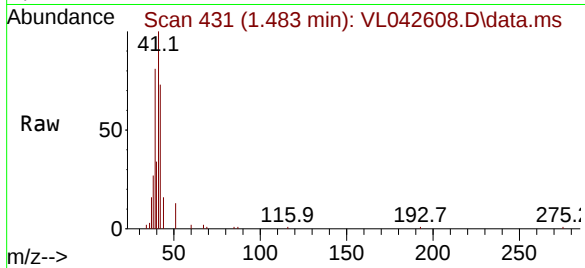
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 Propene
 Concen: 0.464 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.000 min
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Instrument :
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Tgt Ion: 41 Resp: 319
 Ion Ratio Lower Upper
 41 100
 42 78.1 53.3 79.9

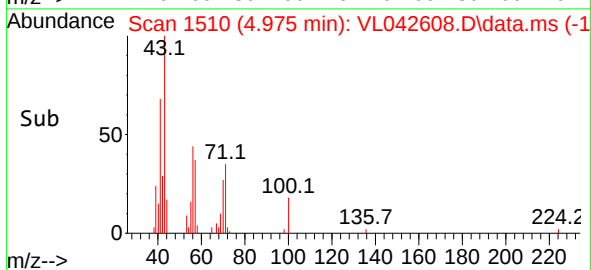
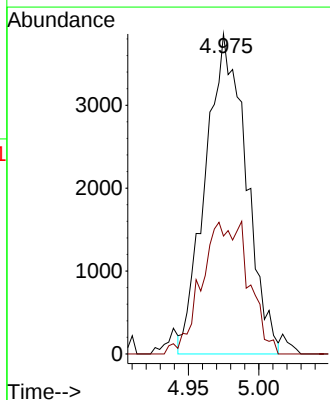
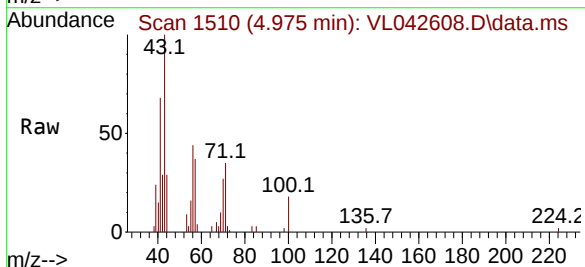
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 APPROVED

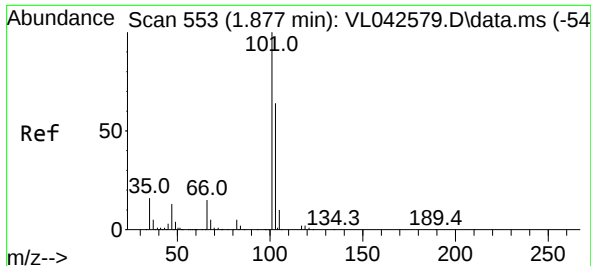
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#10
 Heptane
 Concen: 0.400 ppbv
 RT: 4.975 min Scan# 1510
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion: 43 Resp: 7757
 Ion Ratio Lower Upper
 43 100
 57 47.4 38.9 58.3





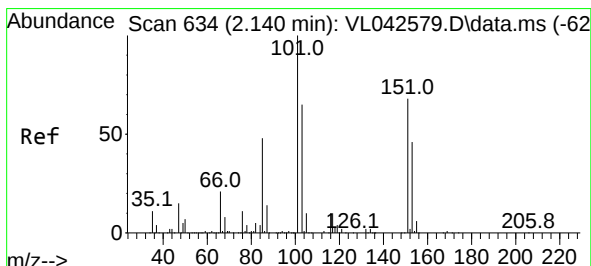
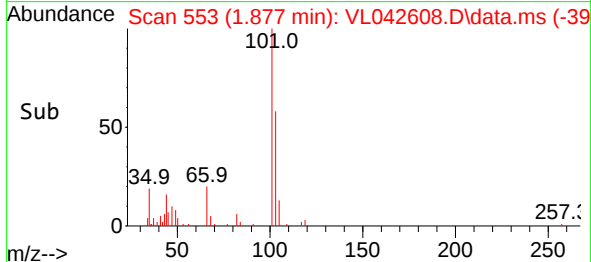
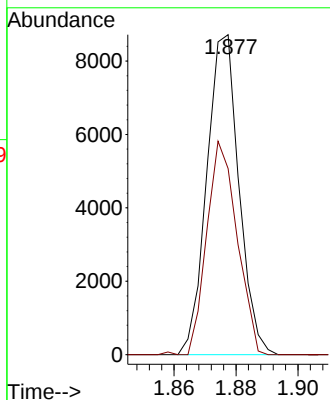
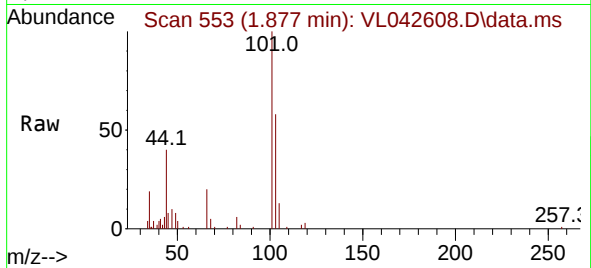
#11
Trichlorofluoromethane
Concen: 0.545 ppbv
RT: 1.877 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:101 Resp: 6290
Ion Ratio Lower Upper
101 100
103 58.1 51.5 77.3

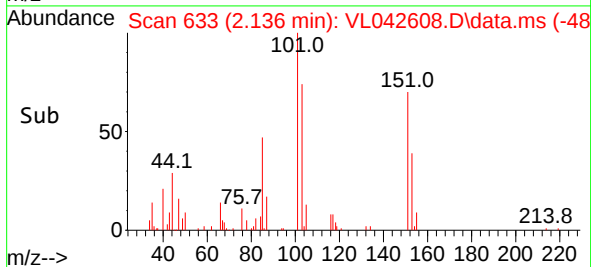
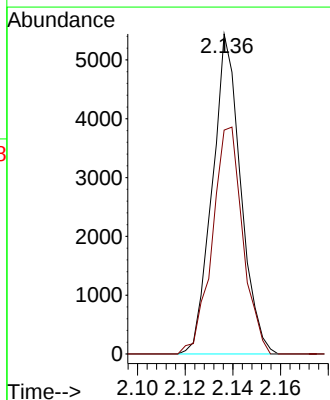
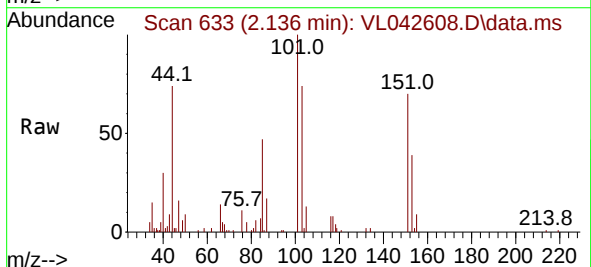
Manual Integrations
APPROVED

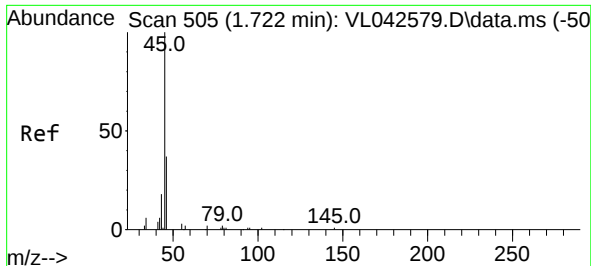
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.496 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

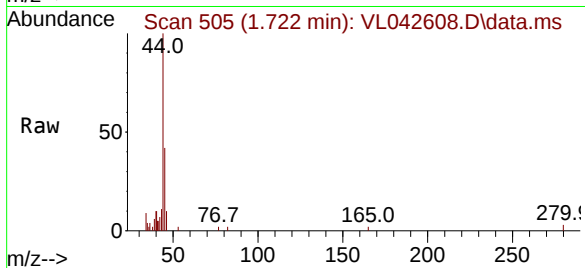
Tgt Ion:101 Resp: 4499
Ion Ratio Lower Upper
101 100
151 76.1 55.3 82.9





#13
Ethanol
Concen: 0.835 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

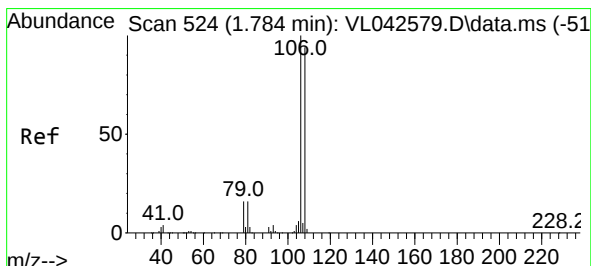
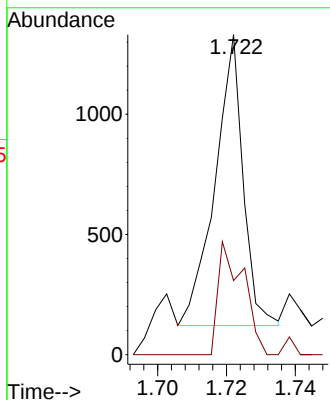
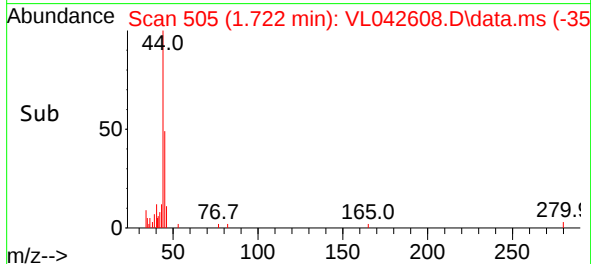
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



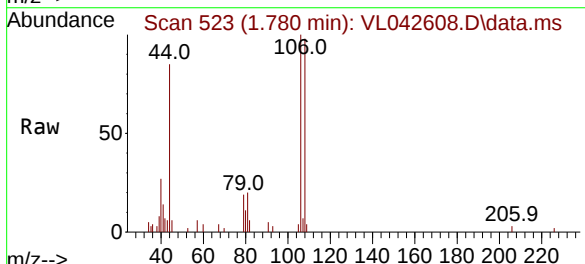
Tgt Ion: 45 Resp: 689
Ion Ratio Lower Upper
45 100
46 37.1 14.5 58.1

Manual Integrations
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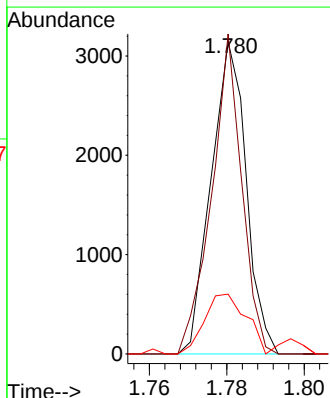
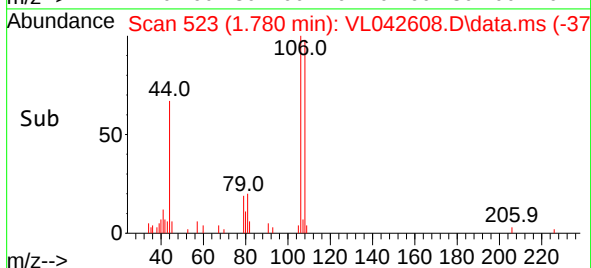
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#14
Bromoethene
Concen: 0.580 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35



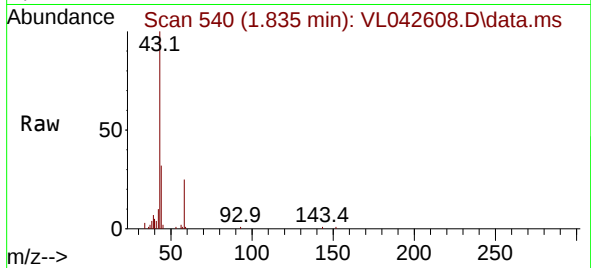
Tgt Ion:108 Resp: 1977
Ion Ratio Lower Upper
108 100
106 88.0 87.9 131.9
79 33.9 15.6 23.4#





#15
Acetone
Concen: 0.534 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

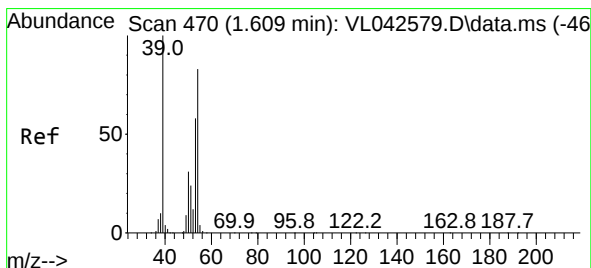
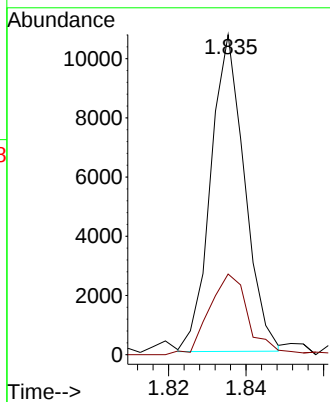
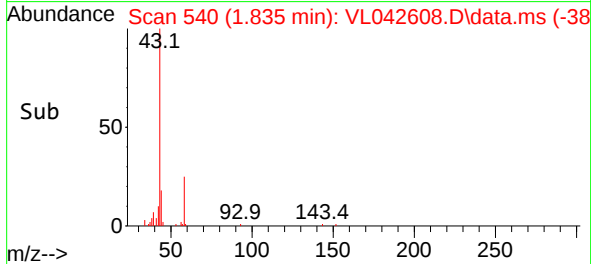
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
58 30.4 21.0 31.4

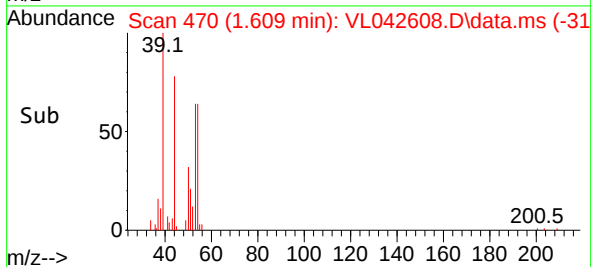
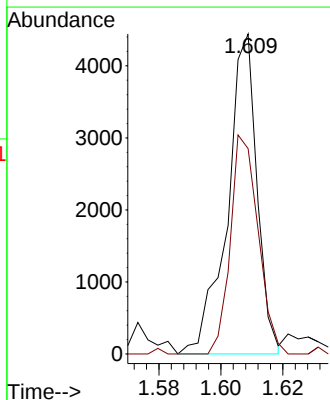
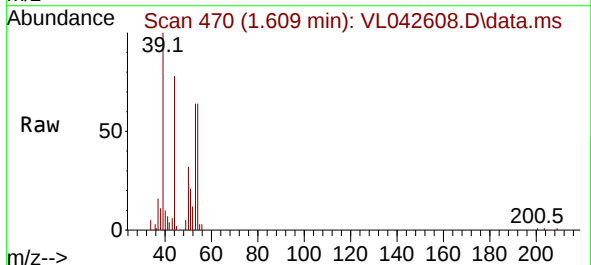
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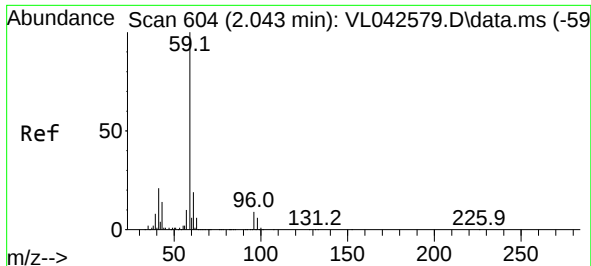
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#16
1,3-Butadiene
Concen: 0.513 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 39 Resp: 2958
Ion Ratio Lower Upper
39 100
54 64.5 57.9 86.9





#17

tert-Butyl alcohol

Concen: 0.491 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 59 Resp: 6220

Ion Ratio Lower Upper

59 100

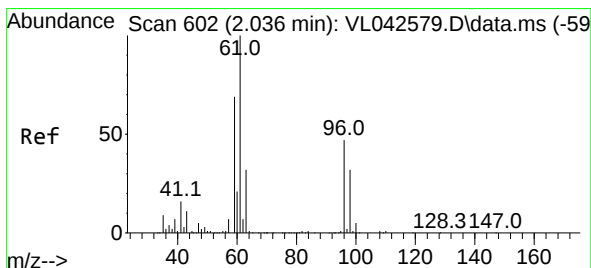
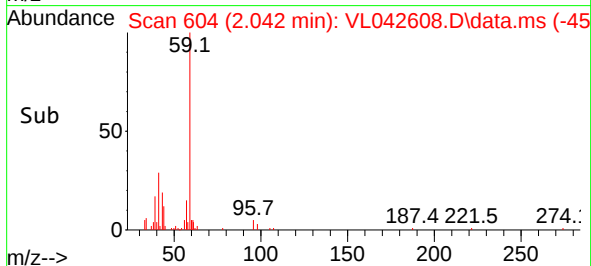
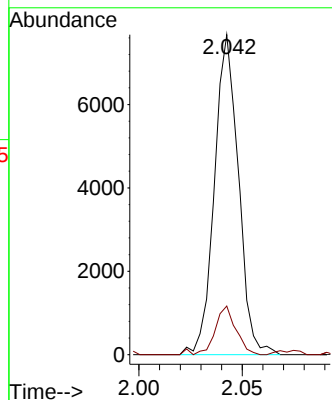
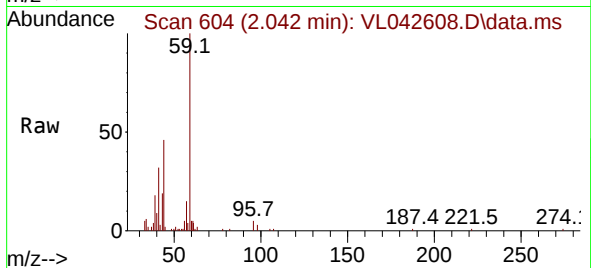
57 14.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#18

1,1-Dichloroethene

Concen: 0.502 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

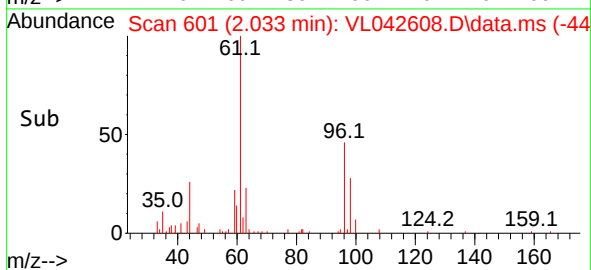
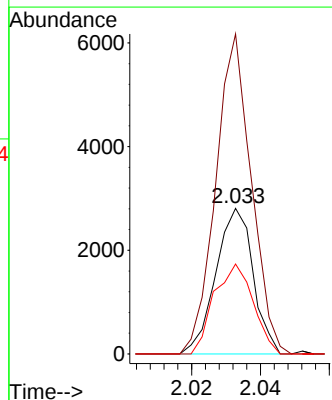
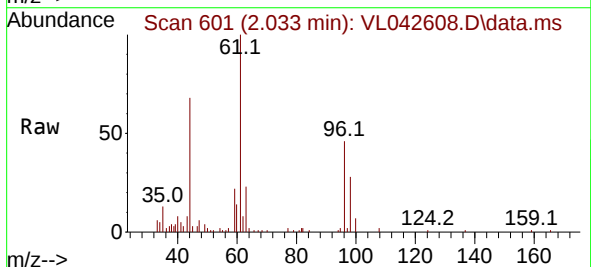
Tgt Ion: 96 Resp: 2108

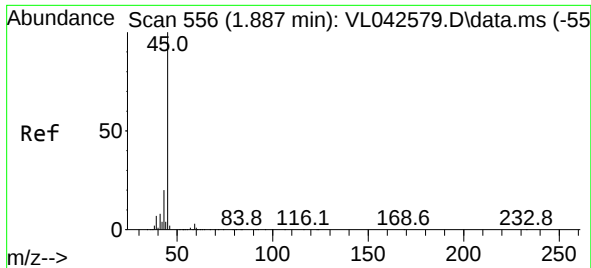
Ion Ratio Lower Upper

96 100

61 219.8 171.1 256.7

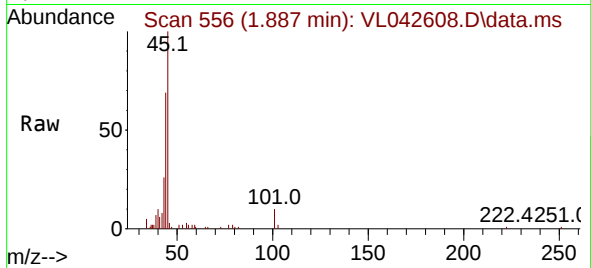
98 61.8 54.4 81.6





#19
Isopropyl Alcohol
Concen: 0.488 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

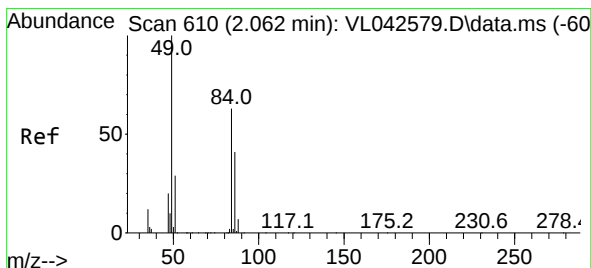
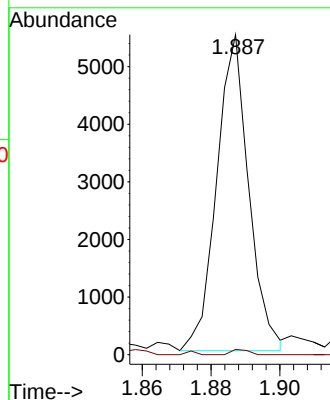
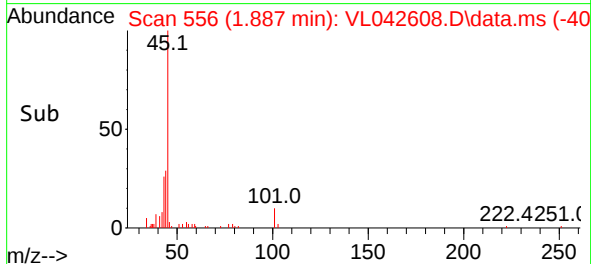
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



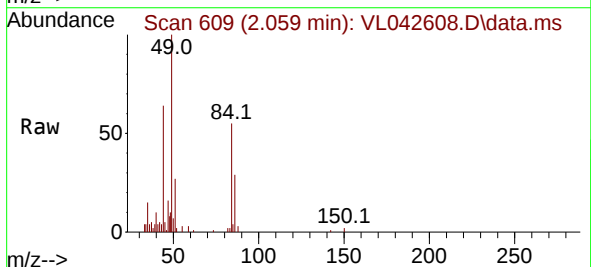
Tgt Ion: 45 Resp: 3549
Ion Ratio Lower Upper
45 100
58 55.2 29.4 44.2

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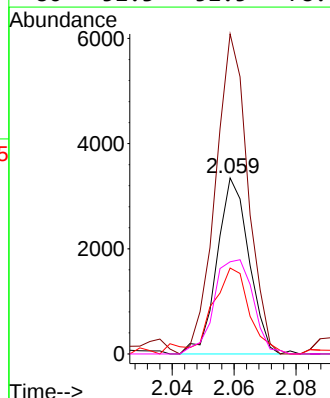
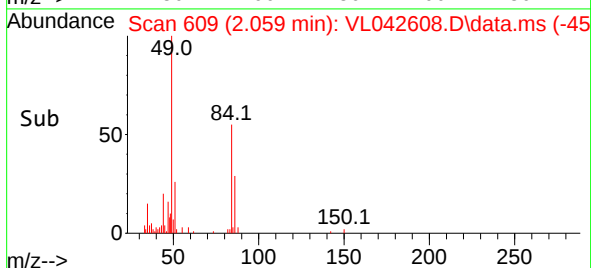
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

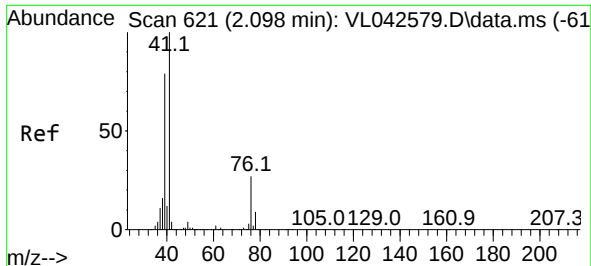


#20
Methylene Chloride
Concen: 0.594 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35



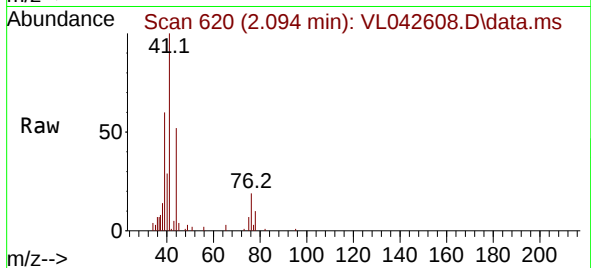
Tgt Ion: 84 Resp: 2385
Ion Ratio Lower Upper
84 100
49 181.8 128.8 193.2
51 46.8 38.6 57.8
86 52.3 52.5 78.7





#21
 Allyl Chloride
 Concen: 0.505 ppbv
 RT: 2.094 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

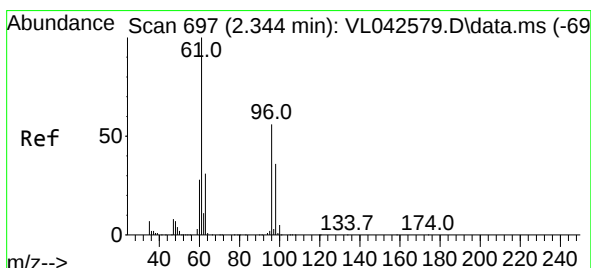
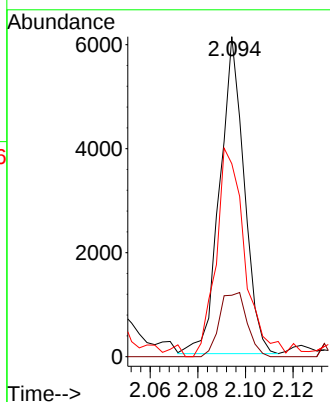
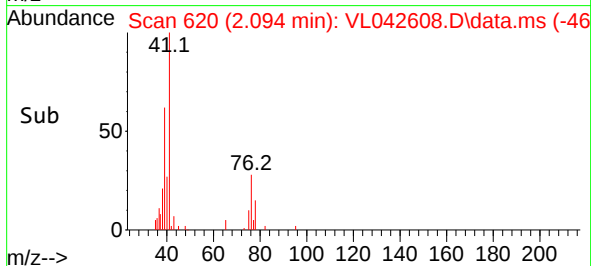
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 41 Resp: 433
 Ion Ratio Lower Upper
 41 100
 76 22.8 21.2 31.8
 39 77.8 60.9 91.3

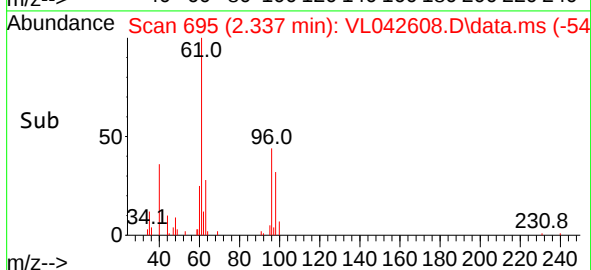
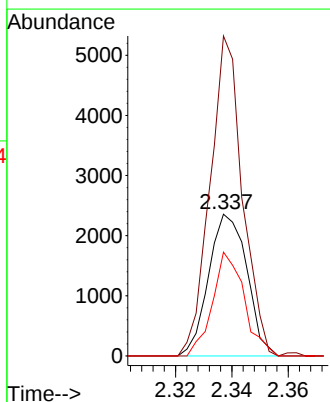
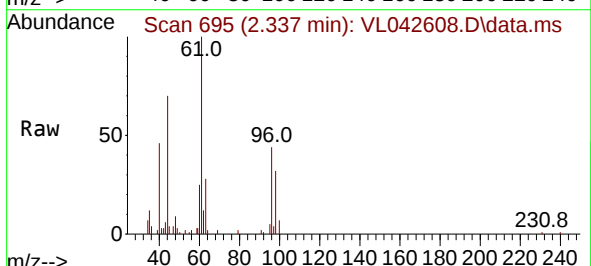
Manual Integrations
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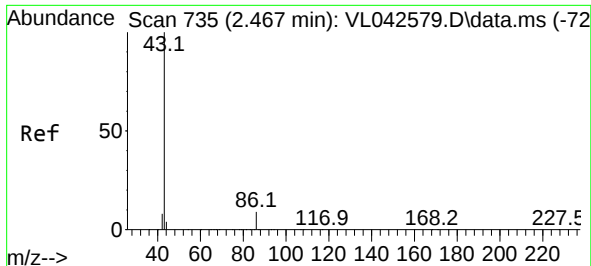
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.473 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

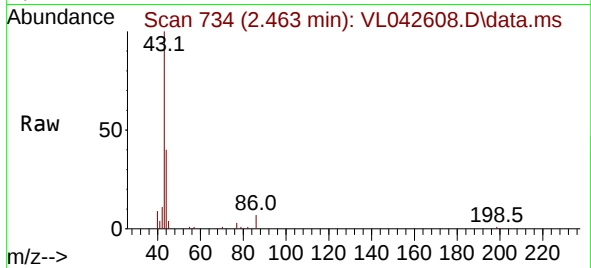
Tgt Ion: 96 Resp: 2221
 Ion Ratio Lower Upper
 96 100
 61 225.8 142.6 214.0#
 98 73.3 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.426 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

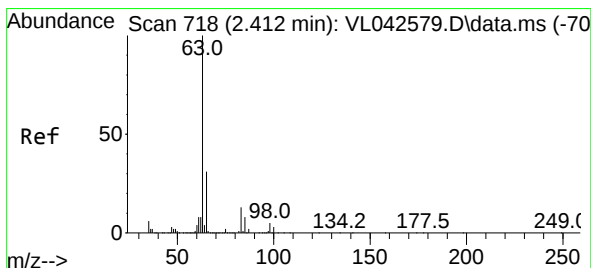
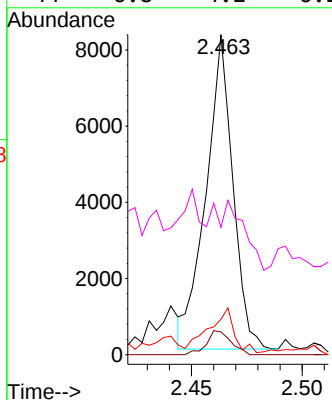
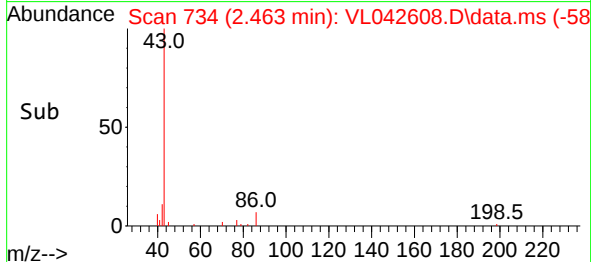
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	9.8
42	10.1	7.0	10.4
44	6.8	4.2	6.2

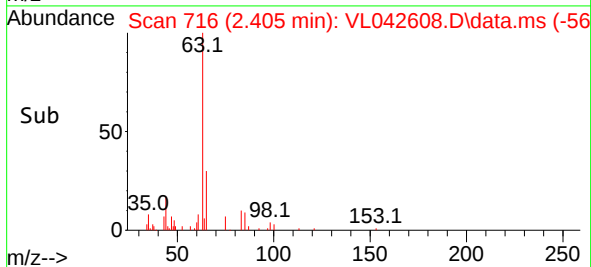
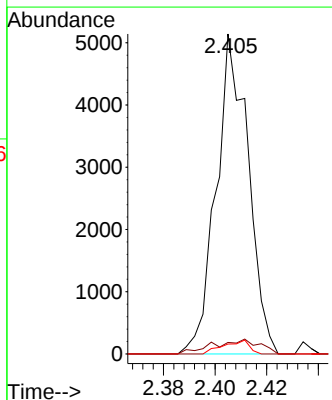
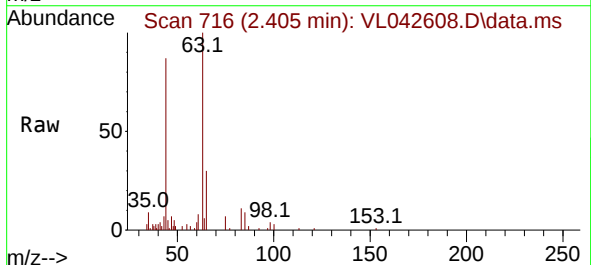
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#24
 1,1-Dichloroethane
 Concen: 0.459 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.4	7.1
100	3.1	1.4	4.0





#25

Ethyl Acetate

Concen: 0.466 ppbv

RT: 2.839 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042608.D

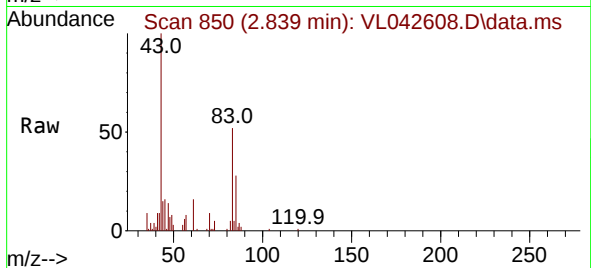
Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

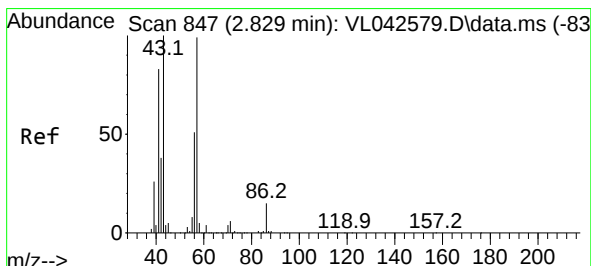
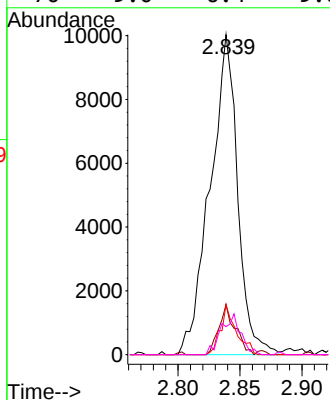
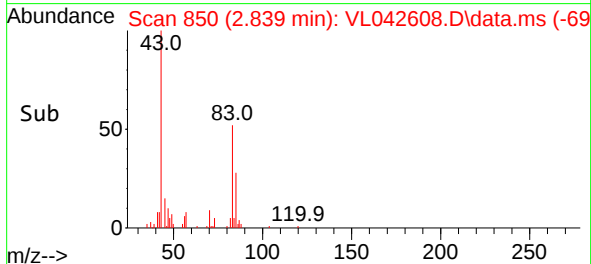


Tgt Ion: 43	Resp: 15514
Ion Ratio	Lower Upper
43	100
45	9.9 8.2 12.2
61	9.0 7.1 10.7
70	9.0 6.4 9.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#26

Hexane

Concen: 0.412 ppbv

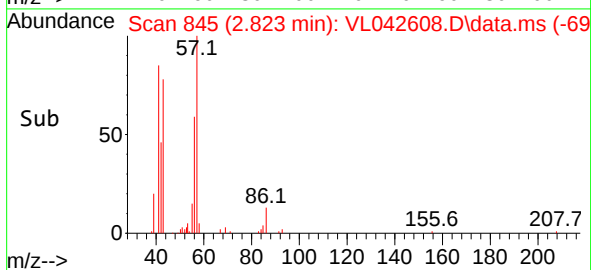
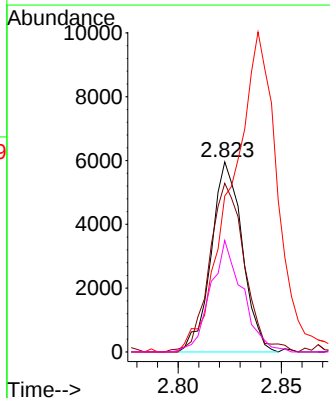
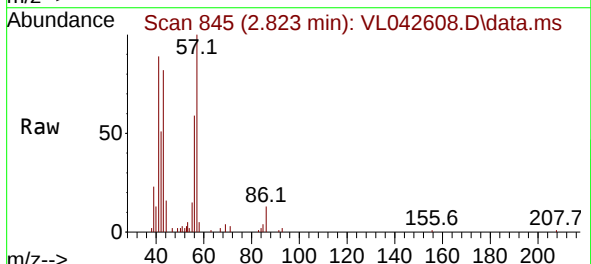
RT: 2.823 min Scan# 845

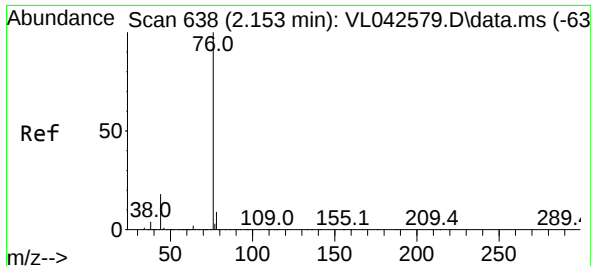
Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

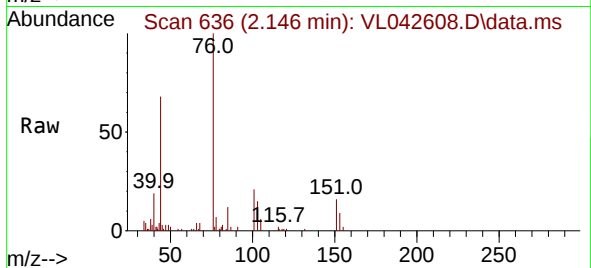
Tgt Ion: 57	Resp: 6230
Ion Ratio	Lower Upper
57	100
41	101.3 70.6 106.0
43	254.6 181.1 271.7
56	60.6 42.2 63.4





#27
Carbon Disulfide
Concen: 0.452 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

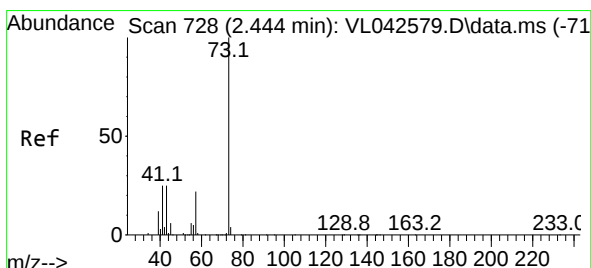
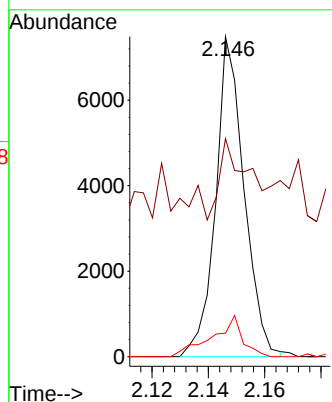
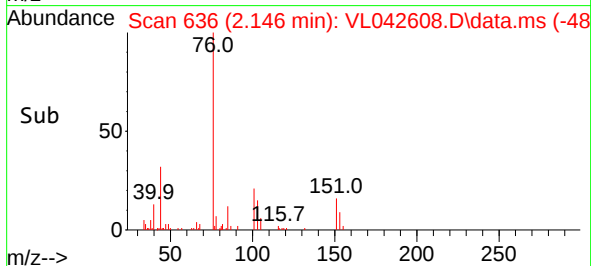
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 76 Resp: 5250
Ion Ratio Lower Upper
76 100
44 289.7 21.3 31.9
78 13.5 9.4 14.0

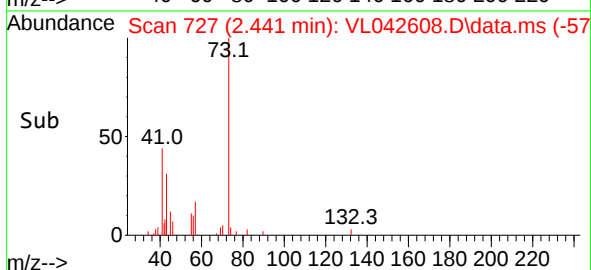
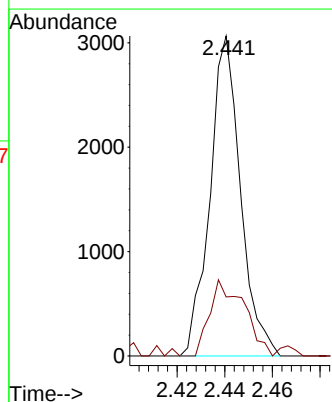
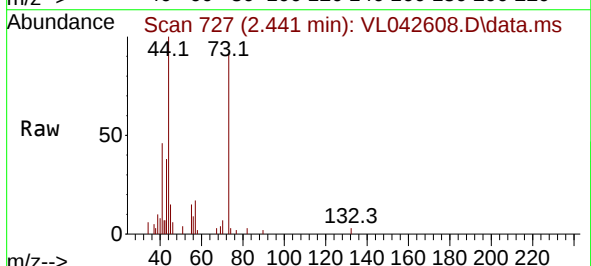
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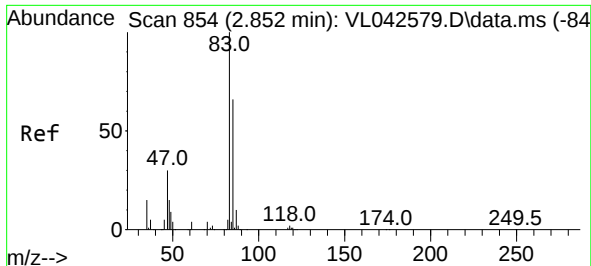
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#28
Methyl tert-Butyl Ether
Concen: 0.447 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 73 Resp: 2740
Ion Ratio Lower Upper
73 100
57 28.9 19.9 29.9





#29

Chloroform

Concen: 0.531 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 83 Resp: 1044

Ion Ratio Lower Upper

83 100

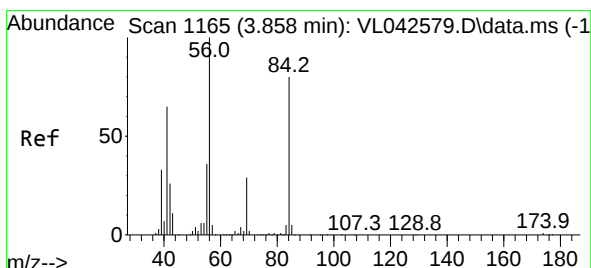
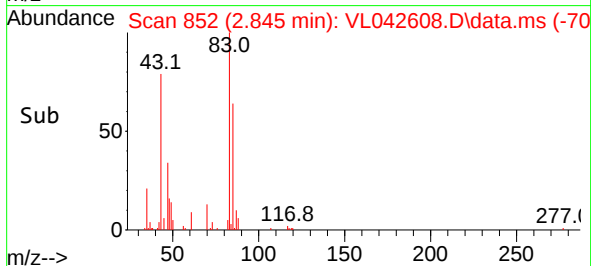
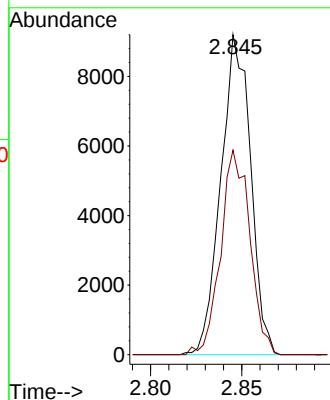
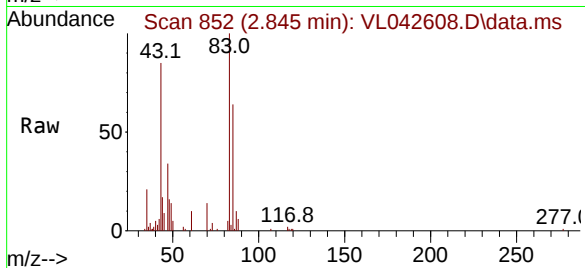
85 63.9 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#30

Cyclohexane

Concen: 0.409 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

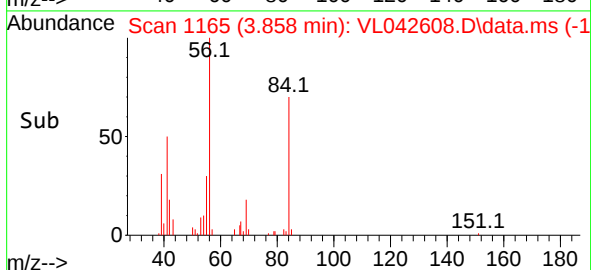
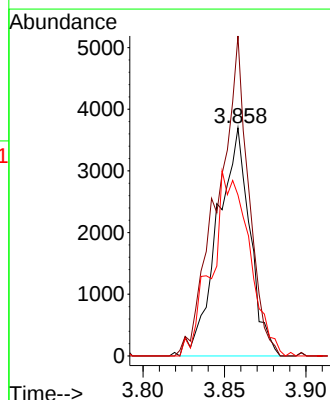
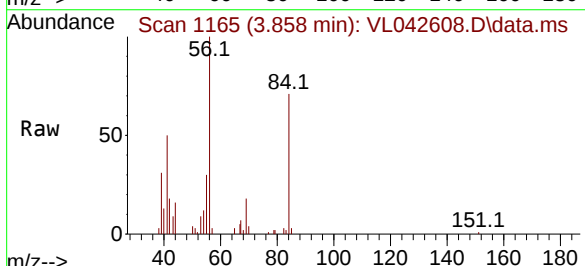
Tgt Ion: 84 Resp: 5131

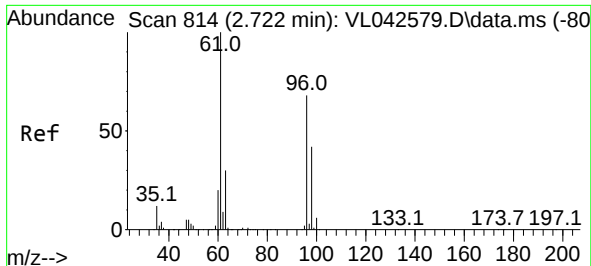
Ion Ratio Lower Upper

84 100

56 132.7 103.7 155.5

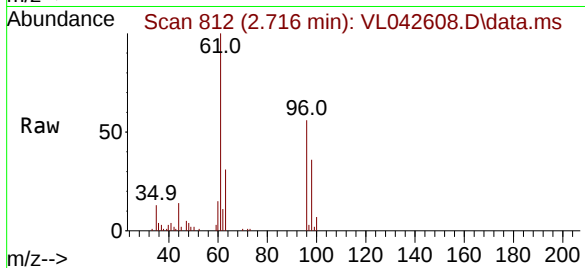
41 94.2 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 0.491 ppbv
 RT: 2.716 min Scan# 814
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

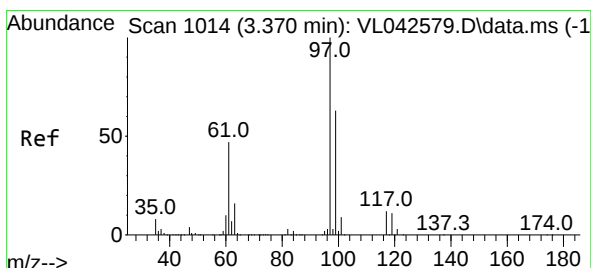
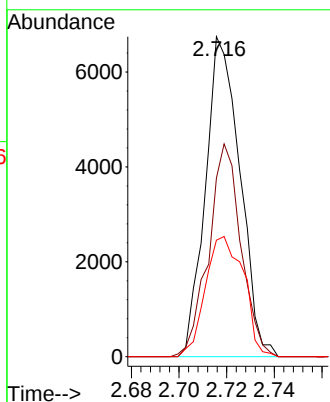
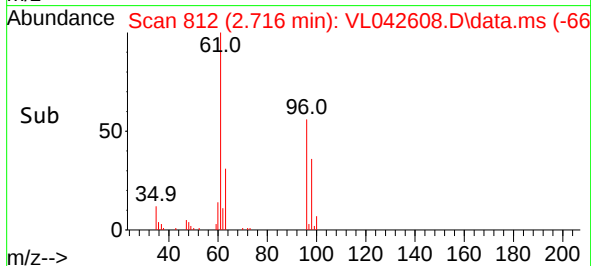
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



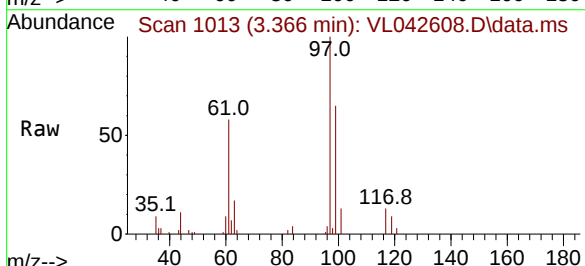
Tgt Ion: 61 Resp: 6790
 Ion Ratio Lower Upper
 61 100
 96 55.9 54.5 81.7
 98 36.4 33.4 50.2

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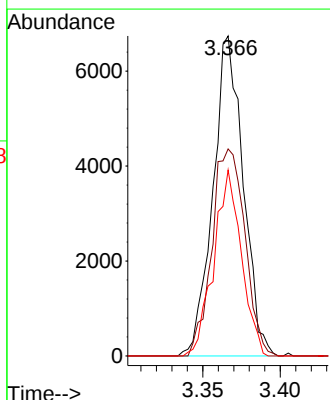
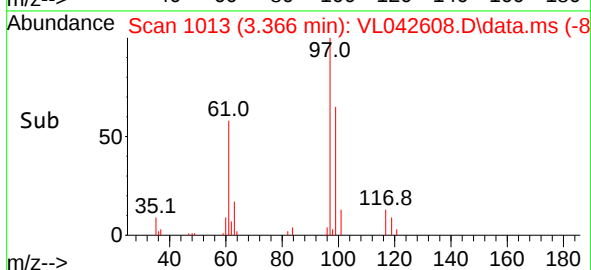
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35



Tgt Ion: 97 Resp: 9150
 Ion Ratio Lower Upper
 97 100
 99 70.7 51.0 76.6
 61 53.0 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.007 min

Lab File: VL042608.D

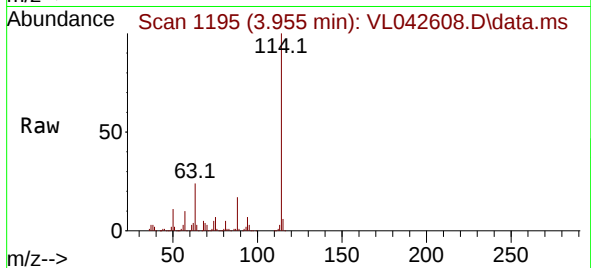
Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



Tgt Ion:114 Resp: 278712

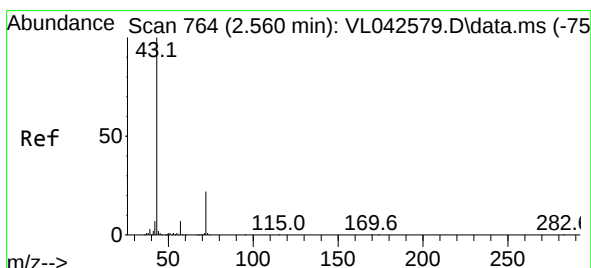
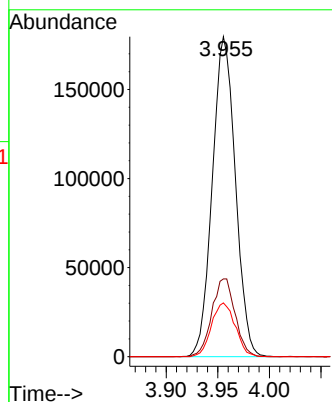
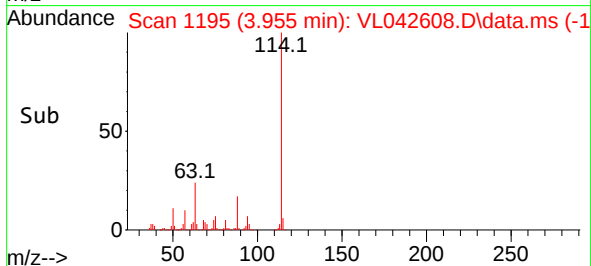
Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.0	28.6
88	17.3	13.6	20.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#34

2-Butanone

Concen: 0.549 ppbv

RT: 2.560 min Scan# 764

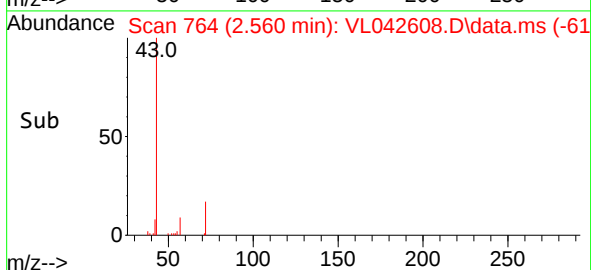
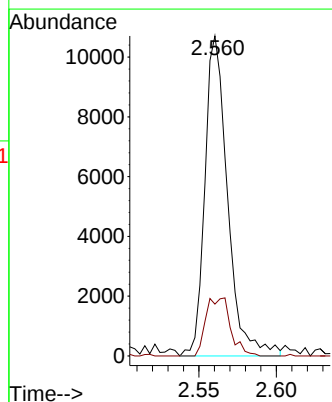
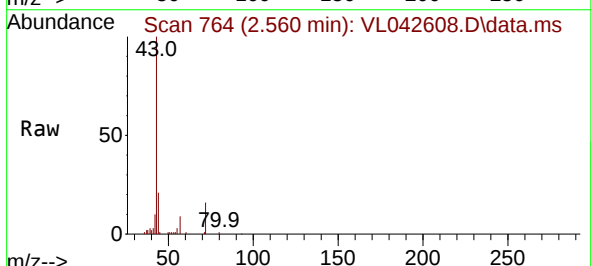
Delta R.T. -0.000 min

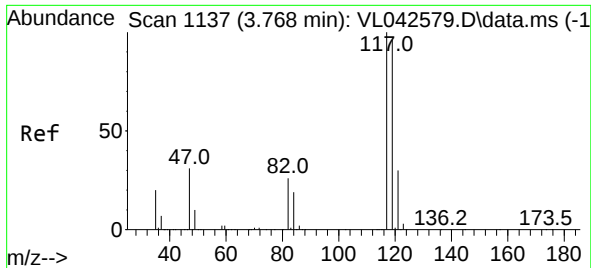
Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Tgt Ion: 43 Resp: 10907

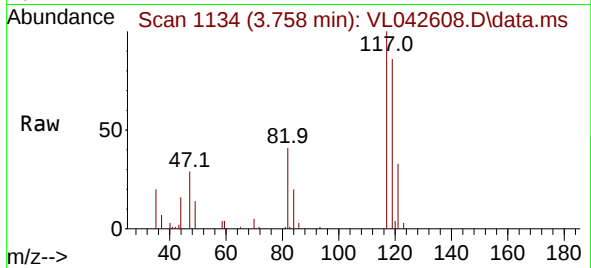
Ion	Ratio	Lower	Upper
43	100		
72	19.8	17.7	26.5





#35
Carbon Tetrachloride
Concen: 0.502 ppbv
RT: 3.758 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

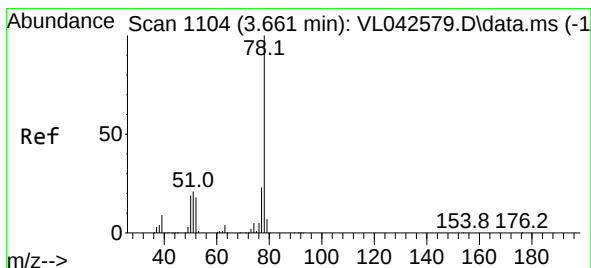
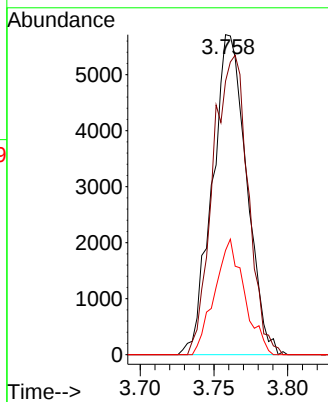
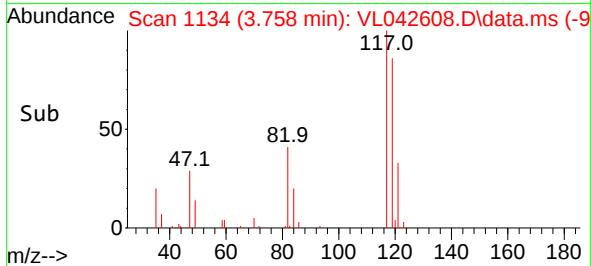
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion:117 Resp: 923
Ion Ratio Lower Upper
117 100
119 85.5 76.8 115.2
121 32.6 24.3 36.5

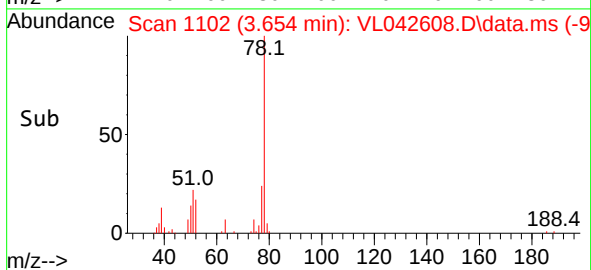
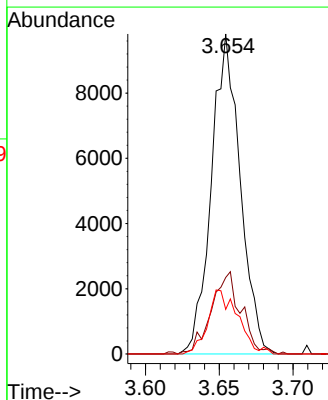
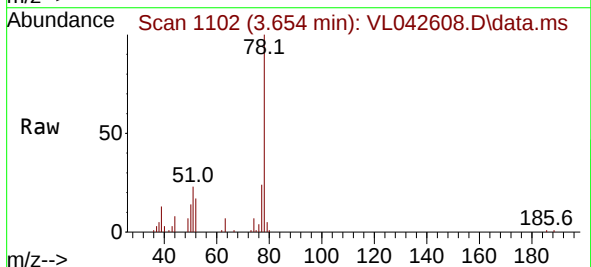
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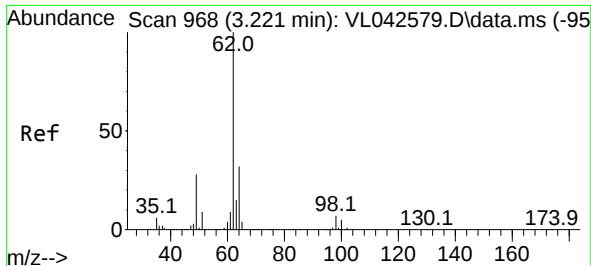
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#36
Benzene
Concen: 0.486 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 78 Resp: 13329
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.2
50 13.9 15.2 22.8





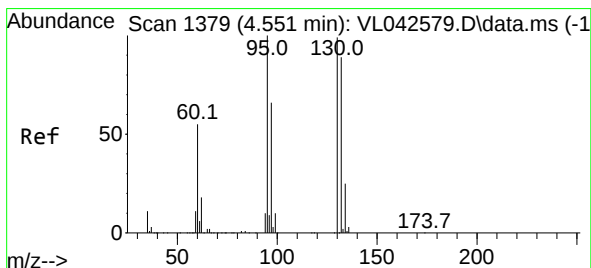
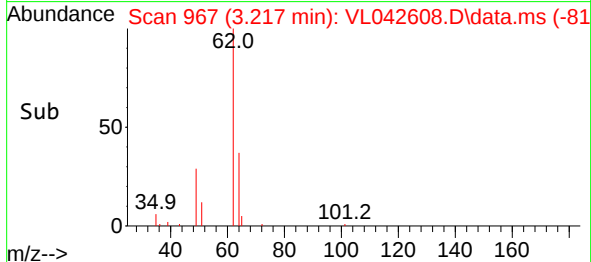
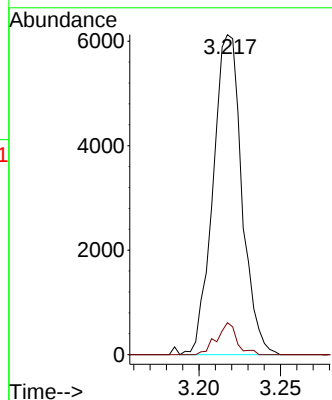
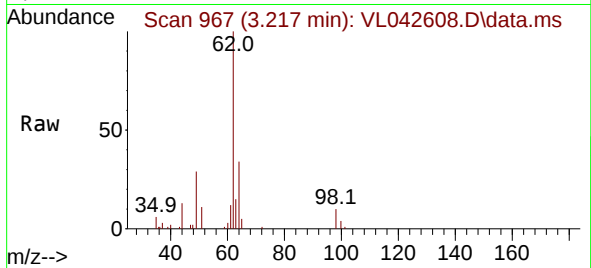
#37
1,2-Dichloroethane
Concen: 0.553 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 62 Resp: 7539
Ion Ratio Lower Upper
62 100
98 7.0 6.1 9.1

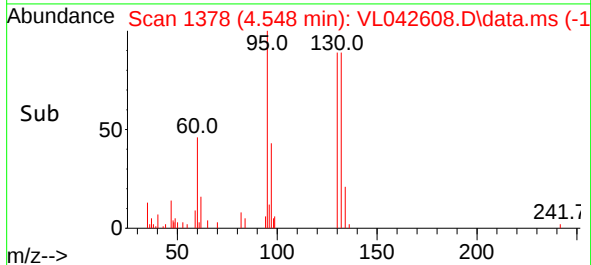
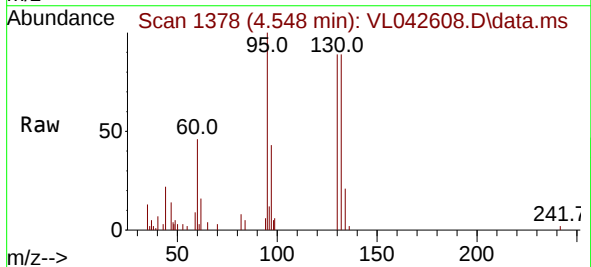
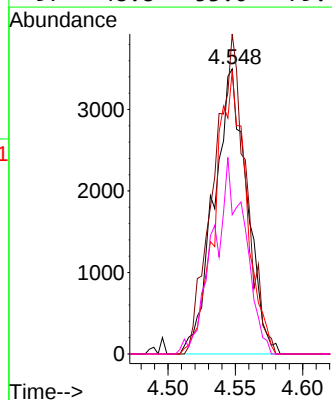
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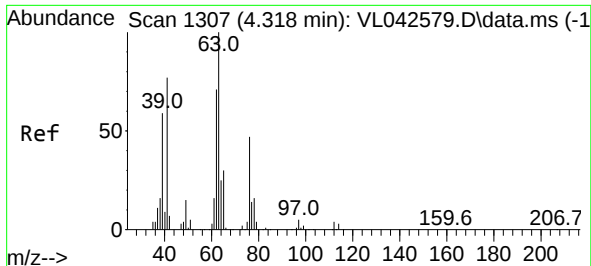
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#38
Trichloroethene
Concen: 0.512 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:130 Resp: 5978
Ion Ratio Lower Upper
130 100
95 112.3 80.6 121.0
132 99.4 71.8 107.6
97 48.8 53.0 79.4#





#39

1,2-Dichloropropane

Concen: 0.497 ppbv m

RT: 4.318 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VL042608.D

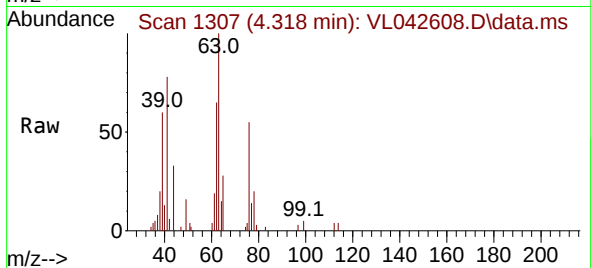
Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



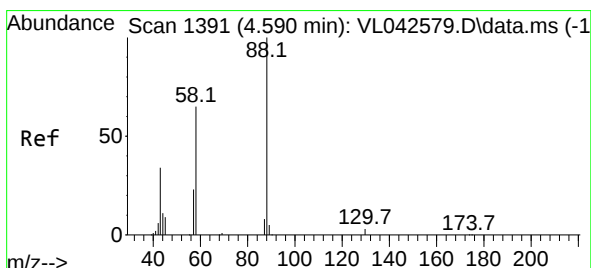
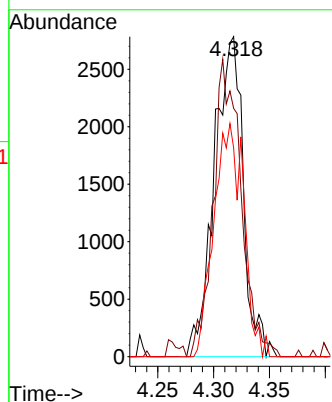
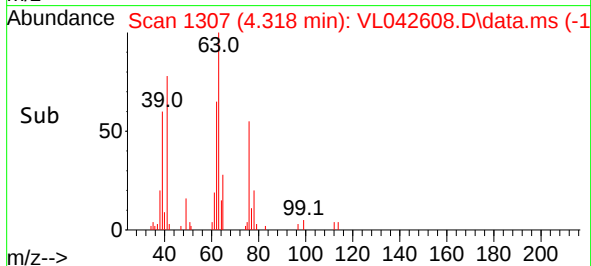
Tgt Ion:	63	Resp:	5040
Ion	Ratio	Lower	Upper
63	100		
41	77.6	61.8	92.6
62	65.2	56.6	85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#40

1,4-Dioxane

Concen: 0.480 ppbv m

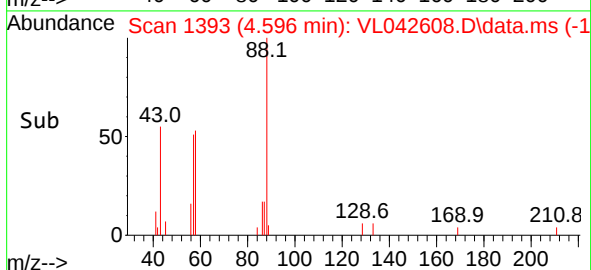
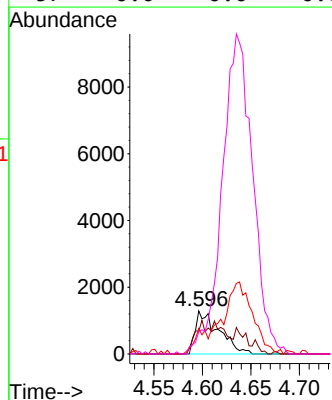
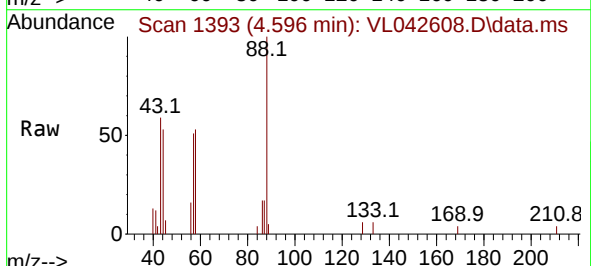
RT: 4.596 min Scan# 1393

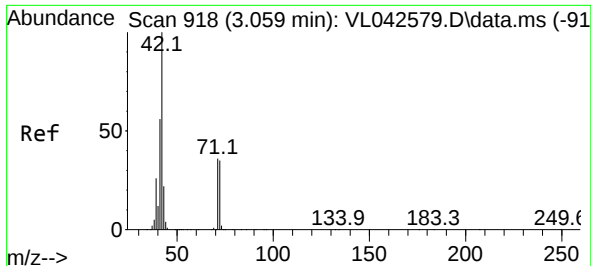
Delta R.T. 0.006 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Tgt Ion:	88	Resp:	2182
Ion	Ratio	Lower	Upper
88	100		
58	78.4	55.8	83.8
43	0.0	24.8	37.2
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.451 ppbv

RT: 3.062 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

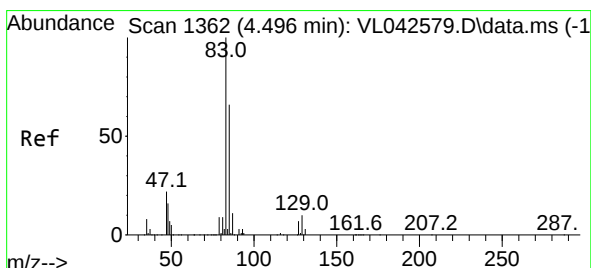
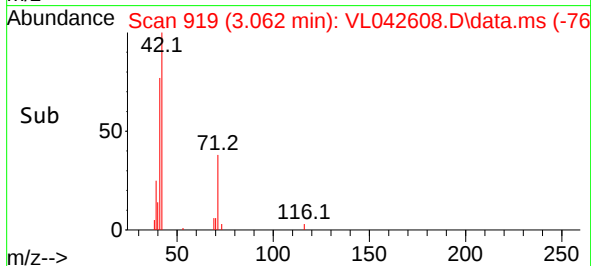
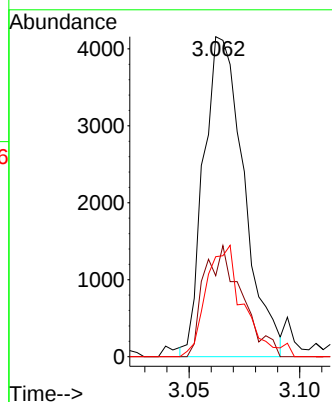
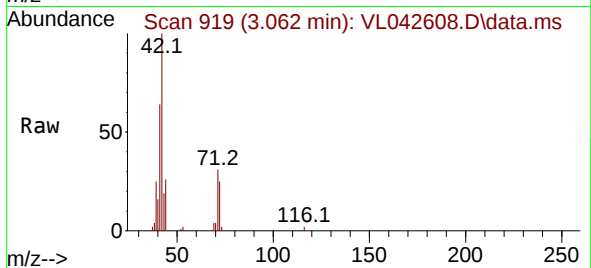
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 42	Resp: 5249
Ion Ratio	Lower Upper
42 100	
72 32.7	28.9 43.3
71 32.1	28.5 42.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#42

Bromodichloromethane

Concen: 0.540 ppbv

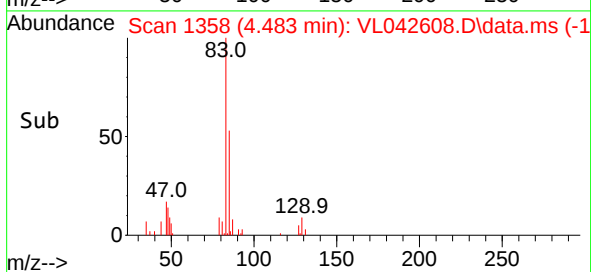
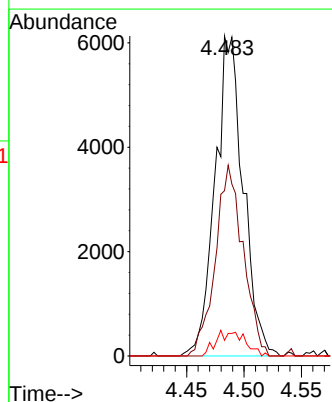
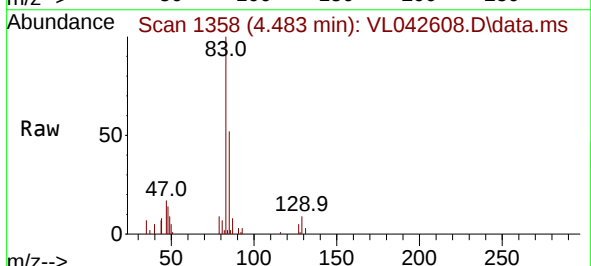
RT: 4.483 min Scan# 1358

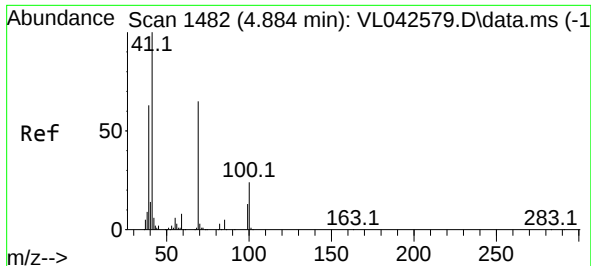
Delta R.T. -0.013 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

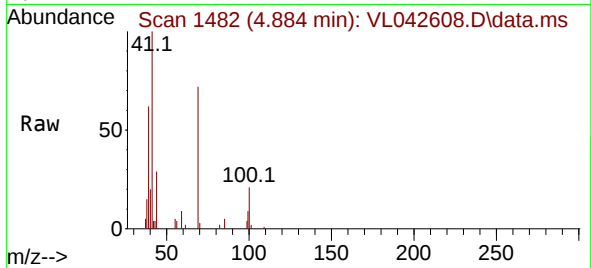
Tgt Ion: 83	Resp: 10471
Ion Ratio	Lower Upper
83 100	
85 53.2	52.7 79.1
127 4.9	5.8 8.6





#43
Methyl Methacrylate
Concen: 0.421 ppbv m
RT: 4.884 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

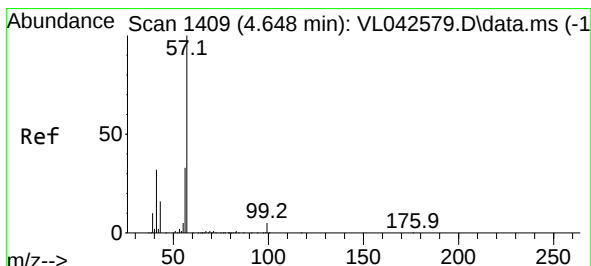
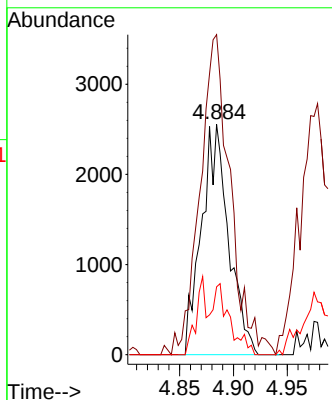
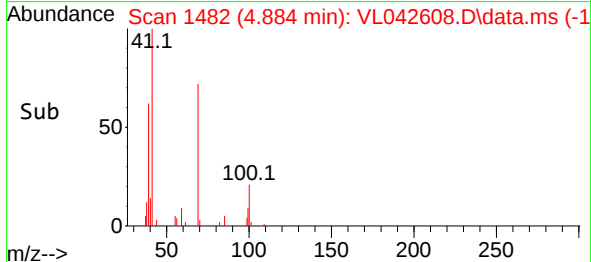
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 69 Resp: 4480
Ion Ratio Lower Upper
69 100
41 0.0 124.6 187.0
100 32.3 29.9 44.9

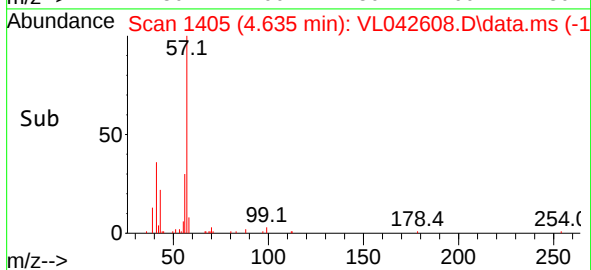
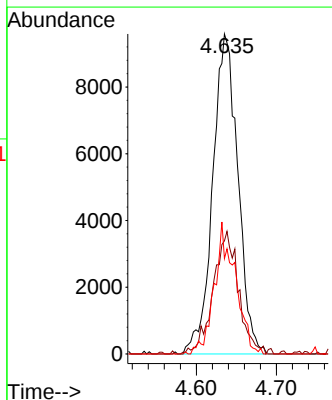
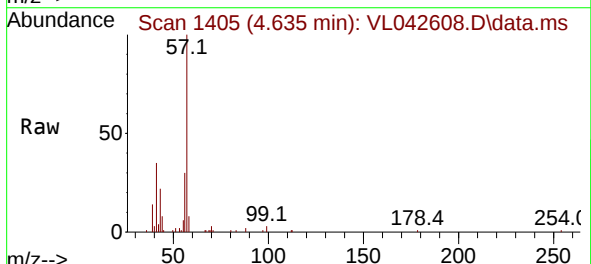
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APPROVED

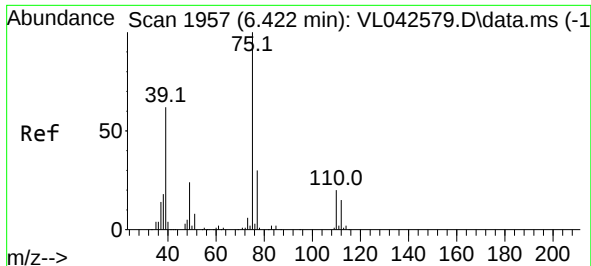
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#44
2,2,4-Trimethylpentane
Concen: 0.445 ppbv m
RT: 4.635 min Scan# 1405
Delta R.T. -0.013 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

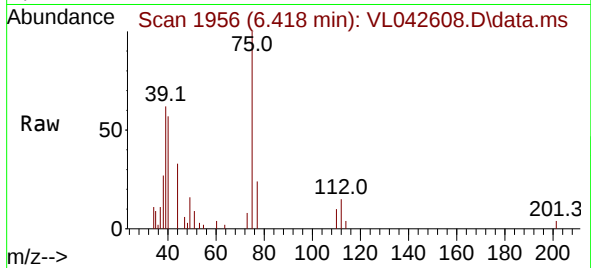
Tgt Ion: 57 Resp: 20911
Ion Ratio Lower Upper
57 100
41 38.9 26.1 39.1
56 34.6 25.9 38.9





#45
t-1,3-Dichloropropene
Concen: 0.422 ppbv m
RT: 6.418 min Scan# 1956
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

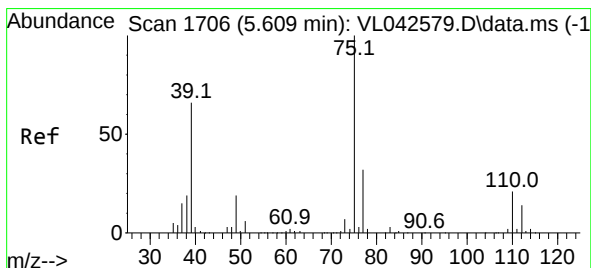
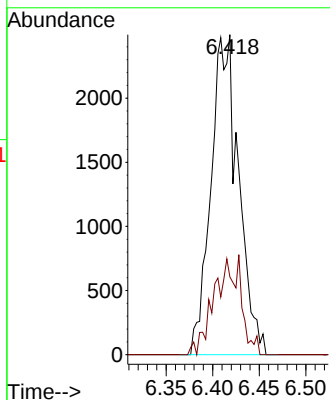
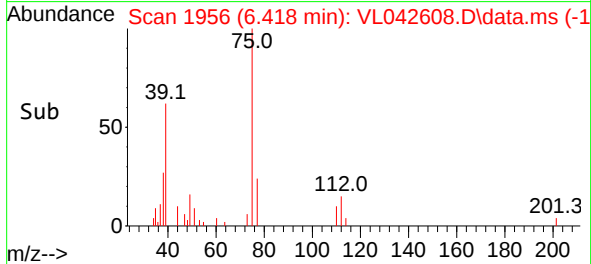
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 75 Resp: 5149
Ion Ratio Lower Upper
75 100
77 24.3 24.2 36.2

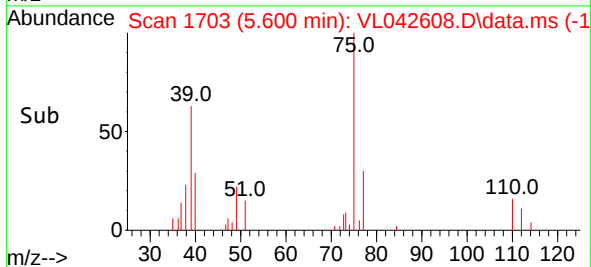
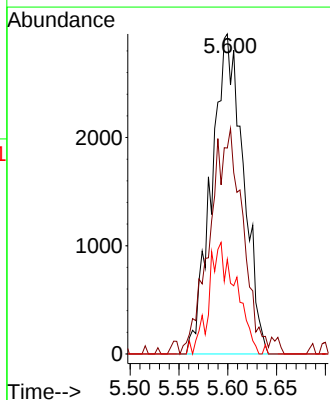
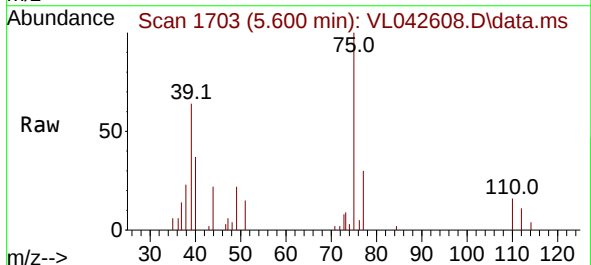
Manual Integrations
APPROVED

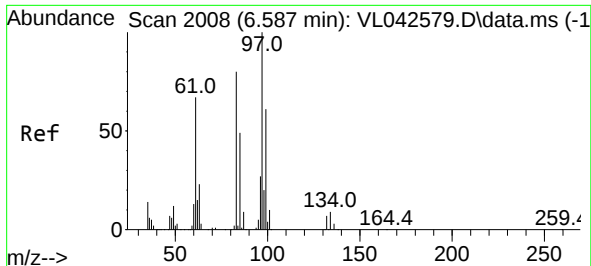
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#46
cis-1,3-Dichloropropene
Concen: 0.437 ppbv m
RT: 5.600 min Scan# 1703
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 75 Resp: 6678
Ion Ratio Lower Upper
75 100
39 64.4 52.7 79.1
77 29.5 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 0.517 ppbv m

RT: 6.587 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VL042608.D

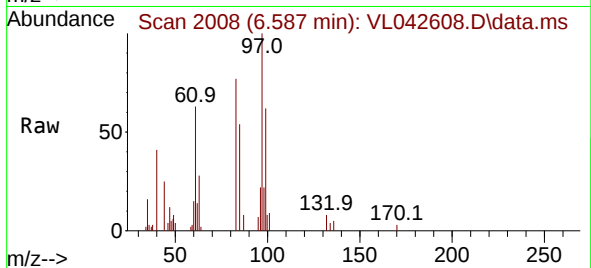
Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 97 Resp: 5434

Ion Ratio Lower Upper

97 100

83 77.3 63.9 95.9

85 54.1 39.2 58.8

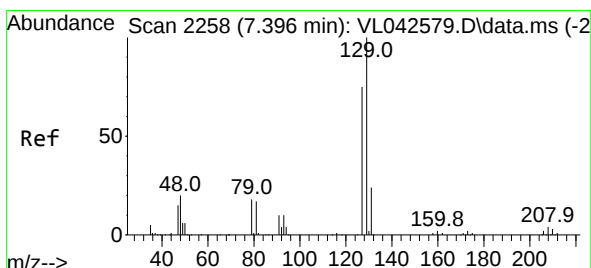
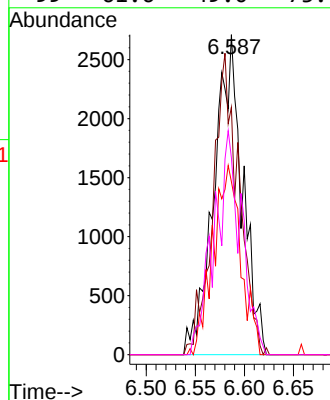
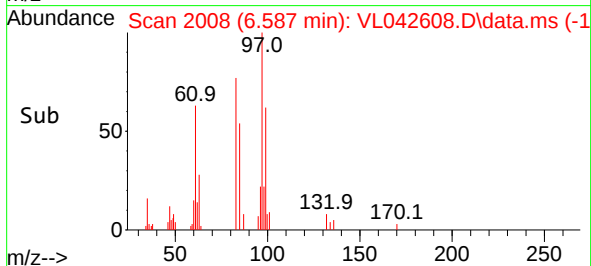
99 61.6 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#48

Dibromochloromethane

Concen: 0.476 ppbv

RT: 7.386 min Scan# 2255

Delta R.T. -0.010 min

Lab File: VL042608.D

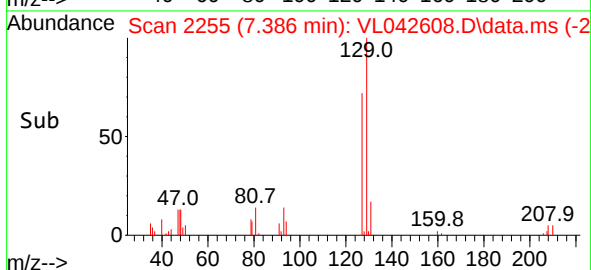
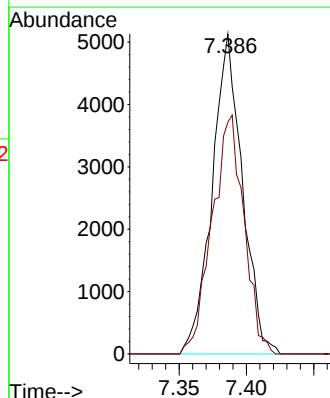
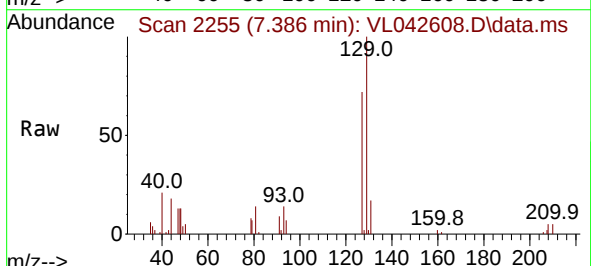
Acq: 03 Jun 2025 13:35

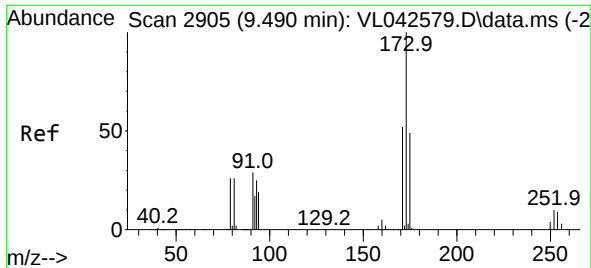
Tgt Ion:129 Resp: 8001

Ion Ratio Lower Upper

129 100

127 78.7 39.0 116.9





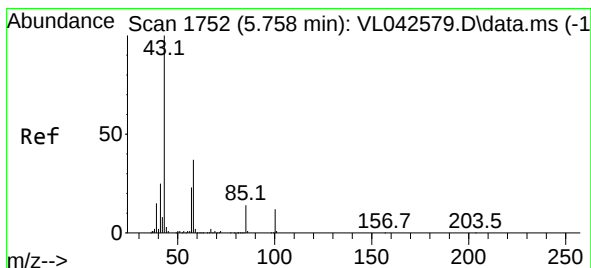
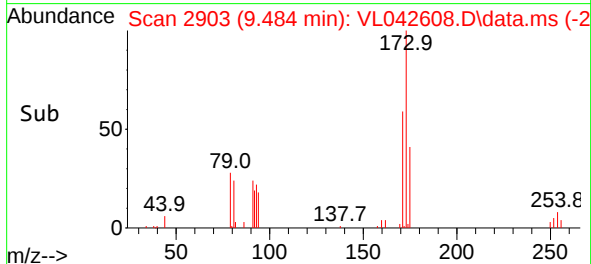
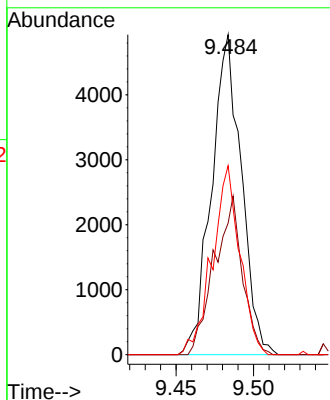
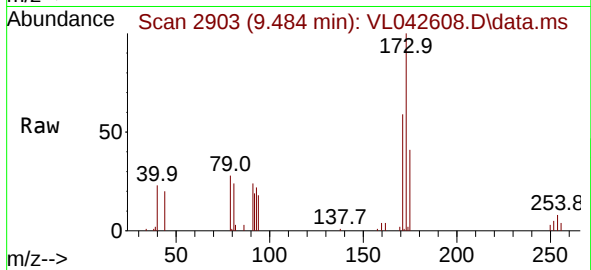
#49
Bromoform
Concen: 0.454 ppbv
RT: 9.484 min Scan# 2905
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:173 Resp: 659
Ion Ratio Lower Upper
173 100
175 46.6 38.7 58.1
171 54.6 41.2 61.8

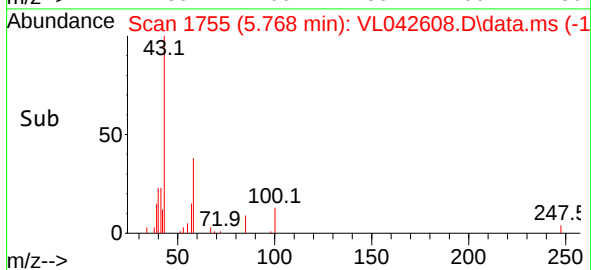
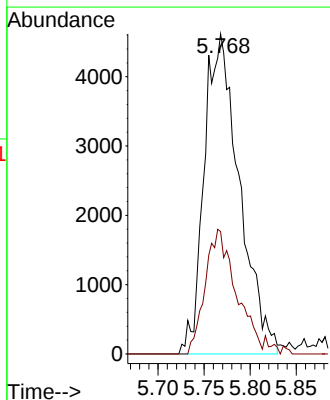
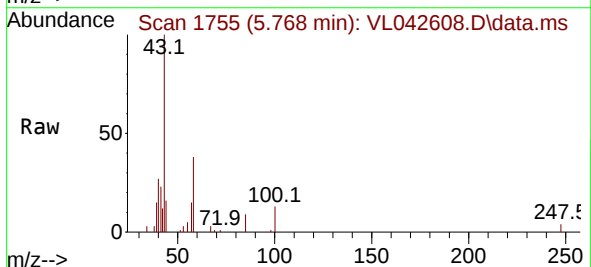
Manual Integrations
APPROVED

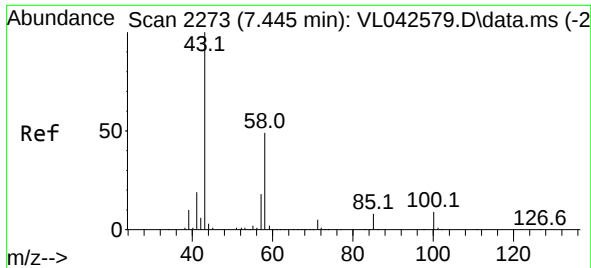
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#50
4-Methyl-2-Pentanone
Concen: 0.443 ppbv m
RT: 5.768 min Scan# 1755
Delta R.T. 0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

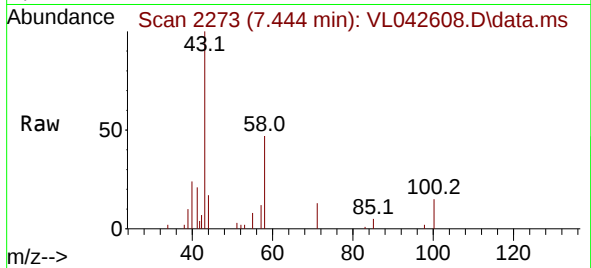
Tgt Ion: 43 Resp: 12225
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#





#51
2-Hexanone
Concen: 0.381 ppbv m
RT: 7.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

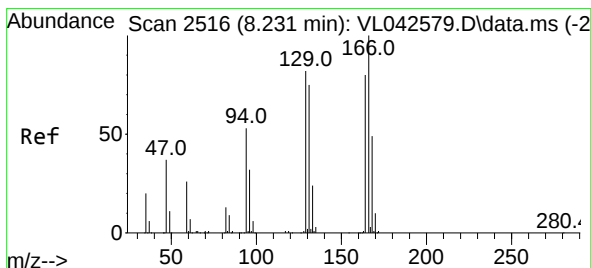
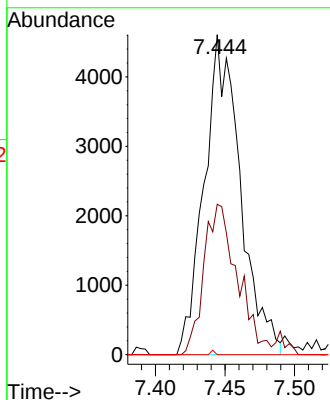
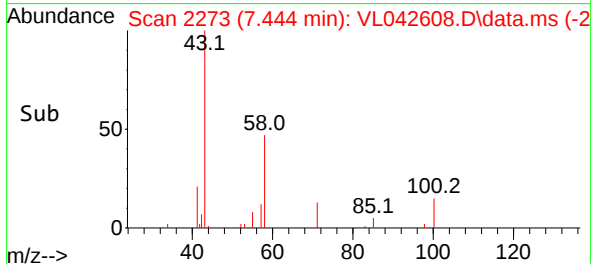
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



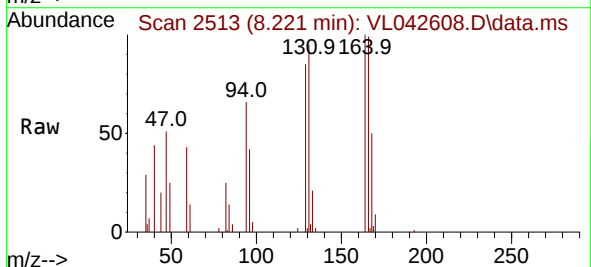
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 45.7 39.9 59.9
98 0.0 0.1 0.1

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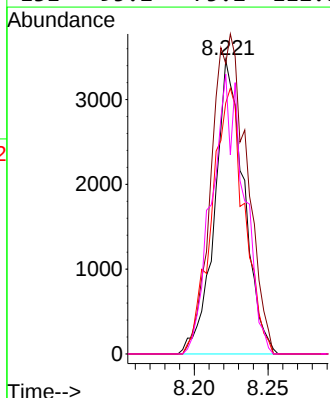
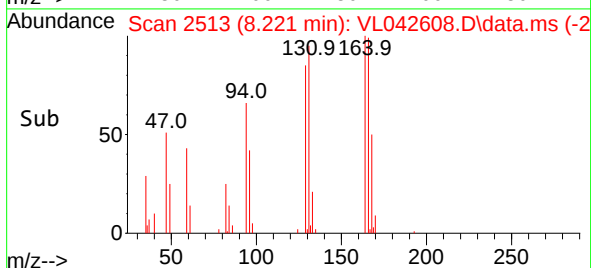
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

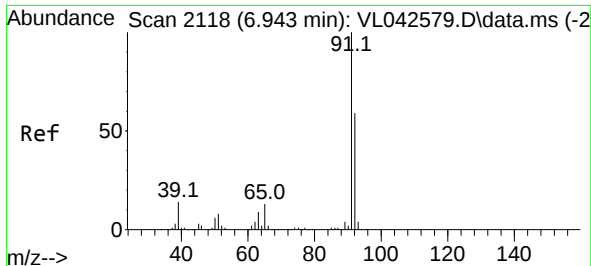


#52
Tetrachloroethene
Concen: 0.468 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35



Tgt Ion:164 Resp: 4798
Ion Ratio Lower Upper
164 100
166 98.8 100.0 150.0#
129 85.4 82.2 123.4
131 95.2 75.2 112.8





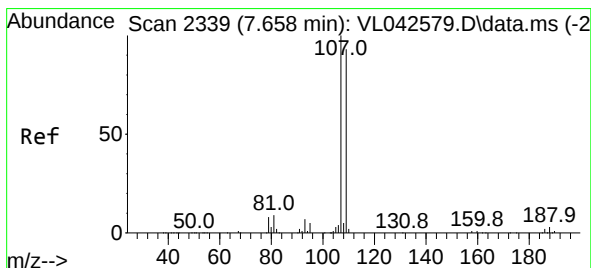
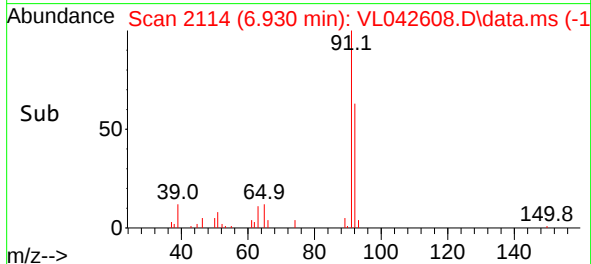
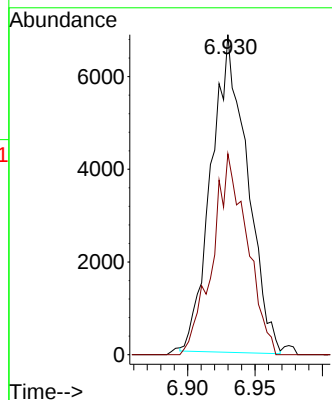
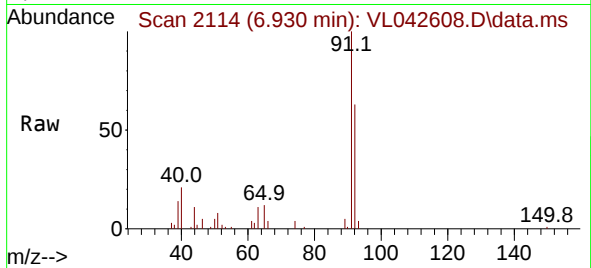
#53
Toluene
Concen: 0.401 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.013 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 12714
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4

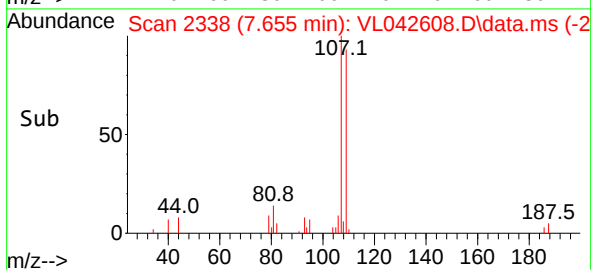
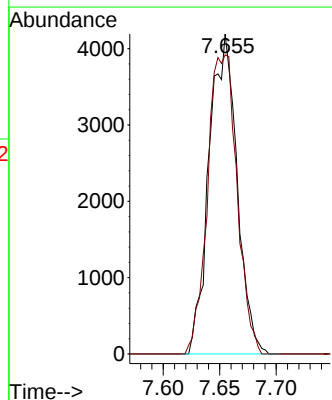
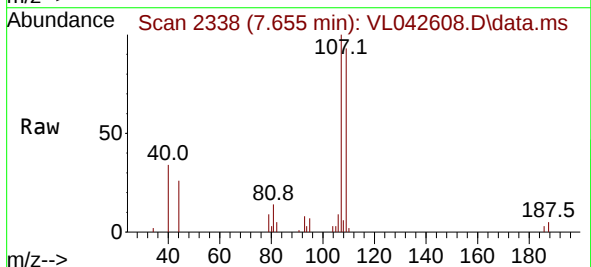
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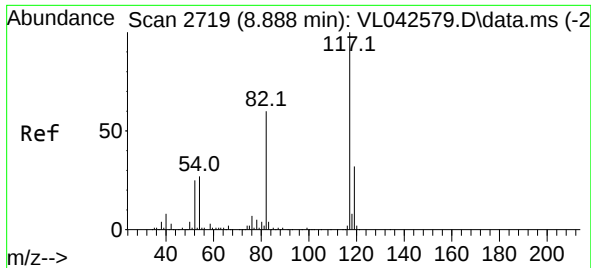
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#54
1,2-Dibromoethane
Concen: 0.463 ppbv m
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

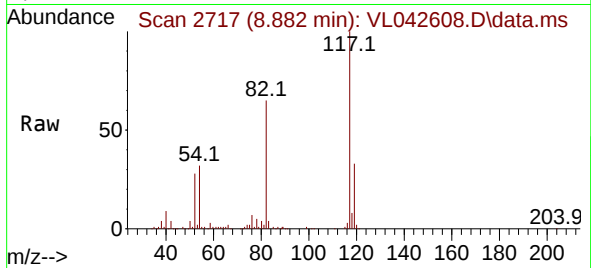
Tgt Ion:107 Resp: 7200
Ion Ratio Lower Upper
107 100
109 93.5 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2719
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

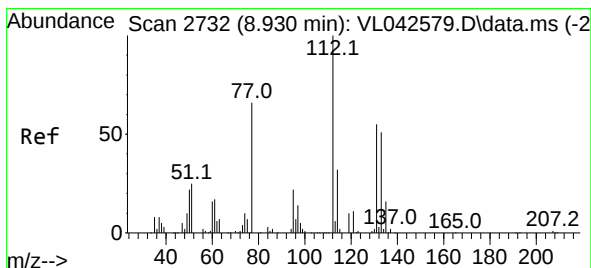
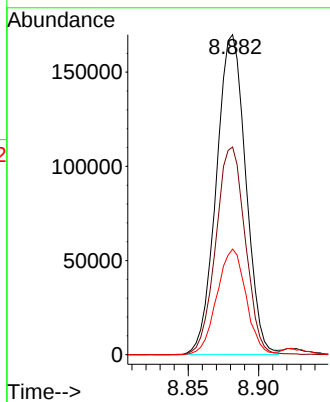
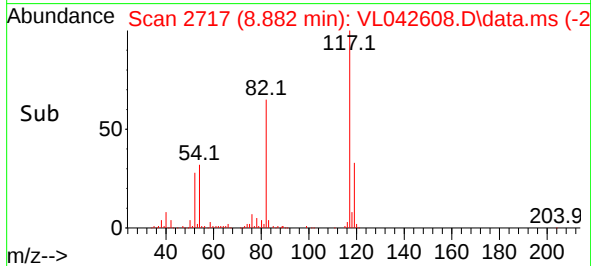
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion:117 Resp: 246919
Ion Ratio Lower Upper
117 100
82 65.3 51.2 76.8
119 34.4 26.3 39.5

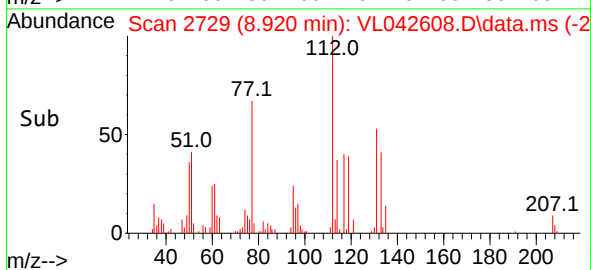
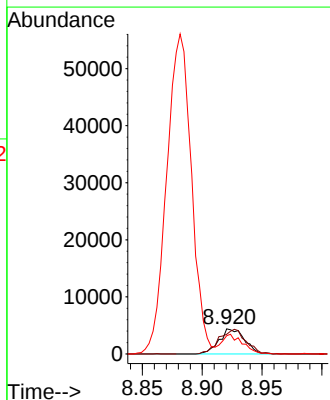
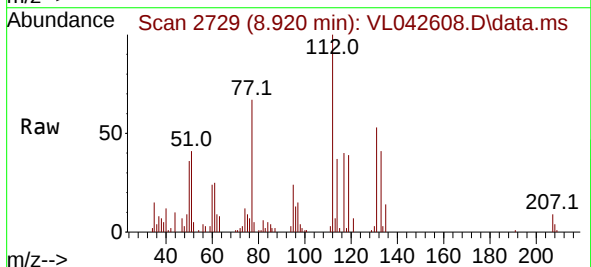
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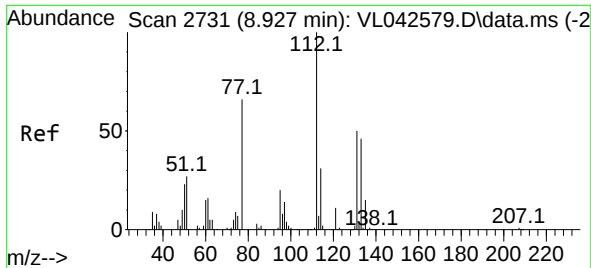
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.525 ppbv m
RT: 8.920 min Scan# 2729
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:131 Resp: 6514
Ion Ratio Lower Upper
131 100
133 103.0 75.0 112.6
119 0.0 50.8 76.2#





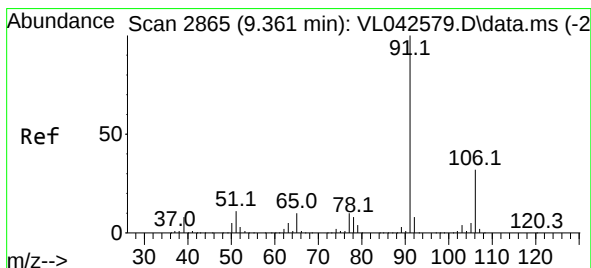
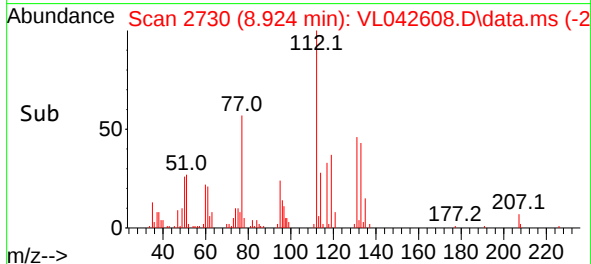
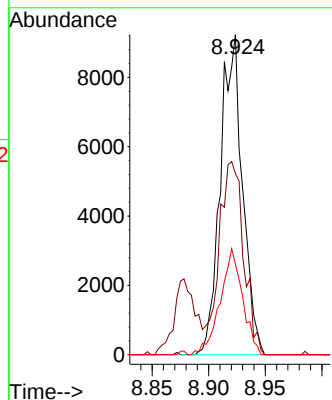
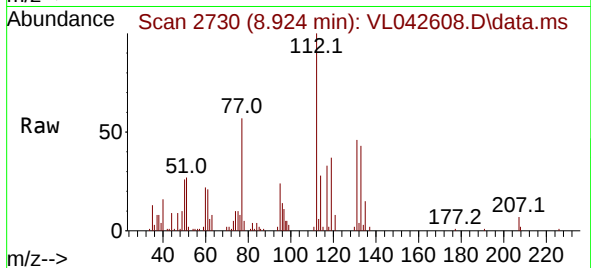
#57
Chlorobenzene
Concen: 0.524 ppbv m
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:112 Resp: 1257
Ion Ratio Lower Upper
112 100
77 56.6 53.5 80.3
114 28.2 27.8 34.0

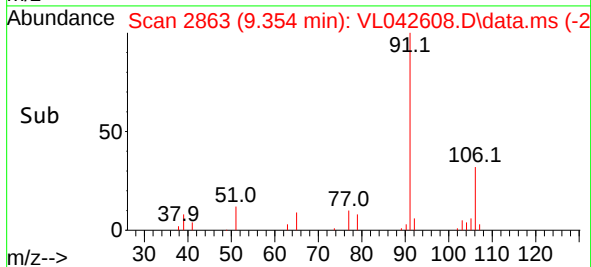
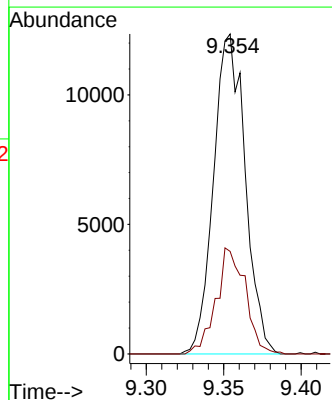
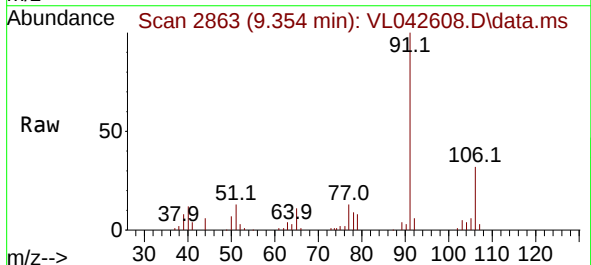
Manual Integrations
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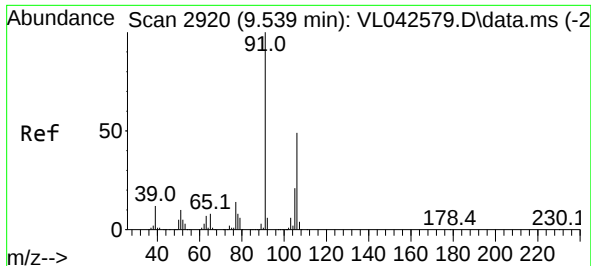
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#58
Ethyl Benzene
Concen: 0.418 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 91 Resp: 17519
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9





#59

m/p-Xylene

Concen: 0.835 ppbv m

RT: 9.532 min Scan# 2918

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 27519

Ion Ratio Lower Upper

91 100

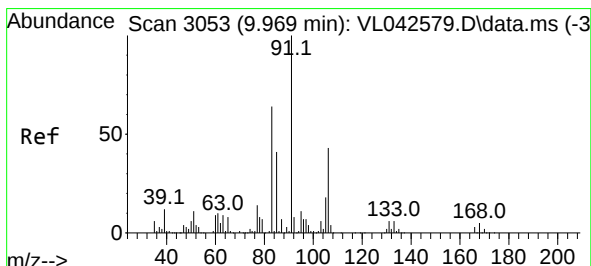
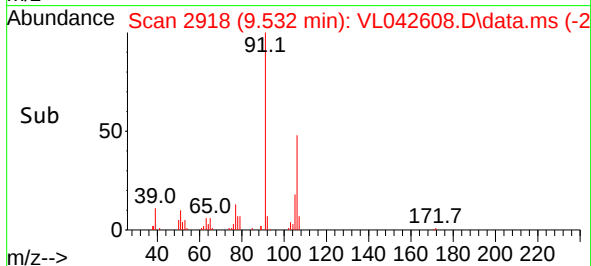
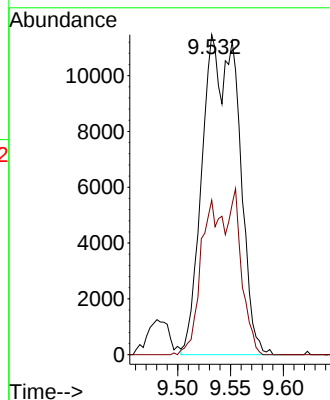
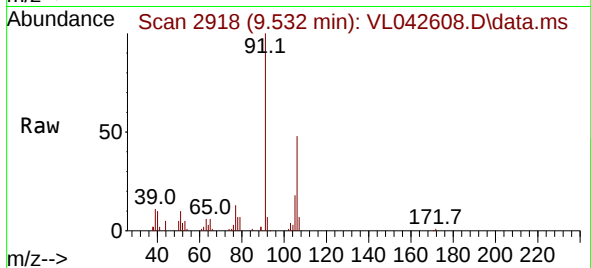
106 0.0 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#60

o-Xylene

Concen: 0.399 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042608.D

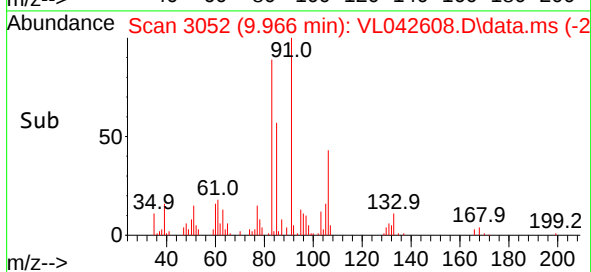
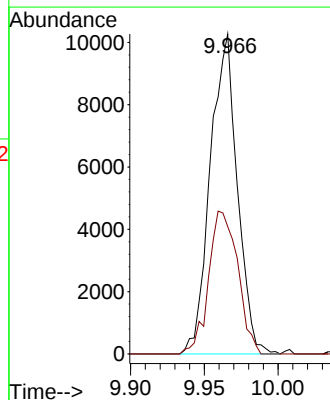
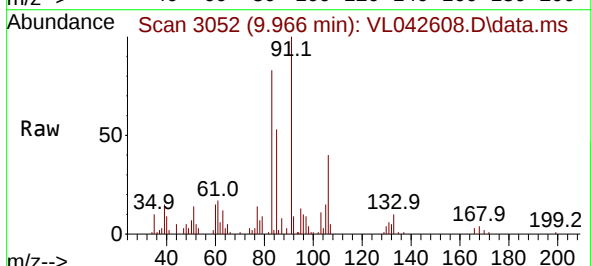
Acq: 03 Jun 2025 13:35

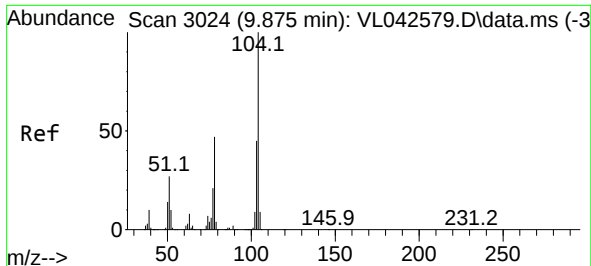
Tgt Ion: 91 Resp: 13119

Ion Ratio Lower Upper

91 100

106 47.9 22.9 68.5





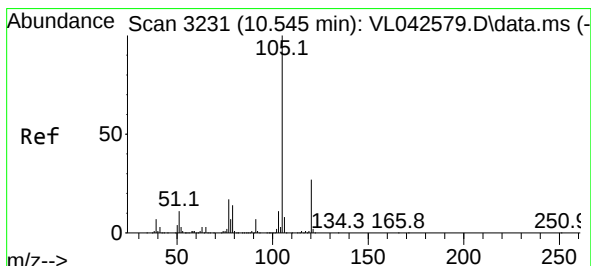
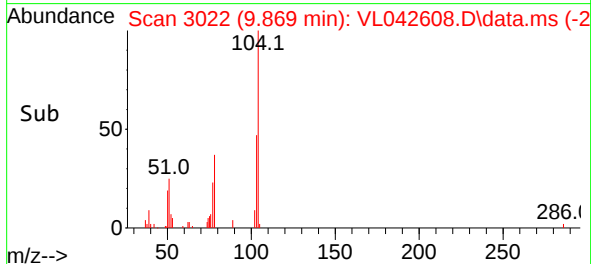
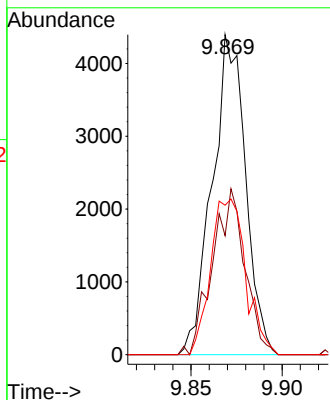
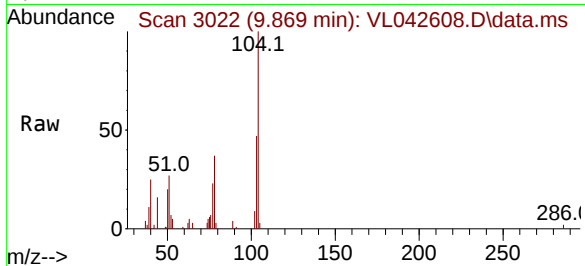
#61
Styrene
Concen: 0.360 ppbv
RT: 9.869 min Scan# 3024
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:104 Resp: 5589
Ion Ratio Lower Upper
104 100
78 50.5 38.2 57.4
103 51.4 36.7 55.1

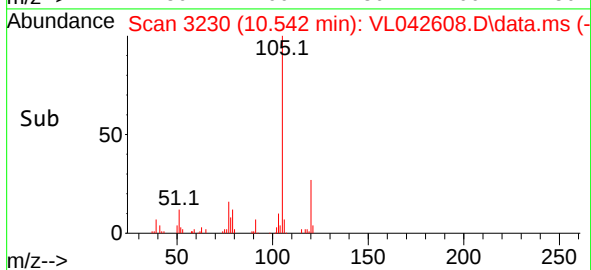
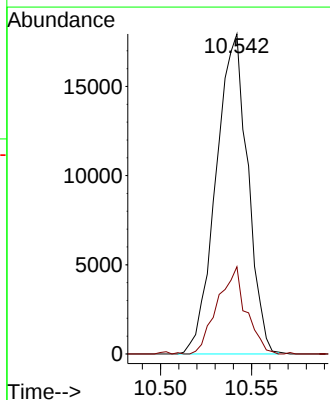
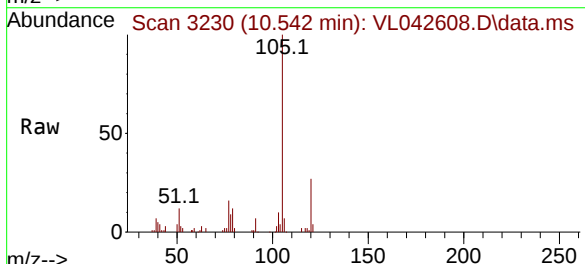
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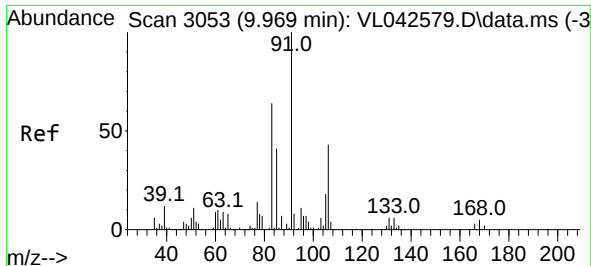
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#62
Isopropylbenzene
Concen: 0.448 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

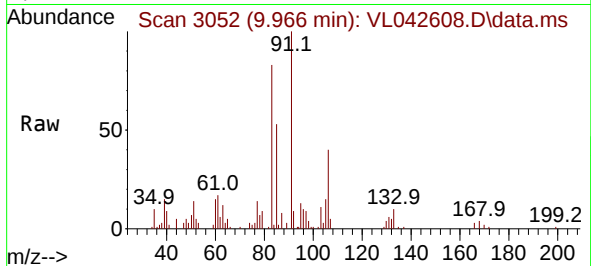
Tgt Ion:105 Resp: 21748
Ion Ratio Lower Upper
105 100
120 25.0 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.514 ppbv
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

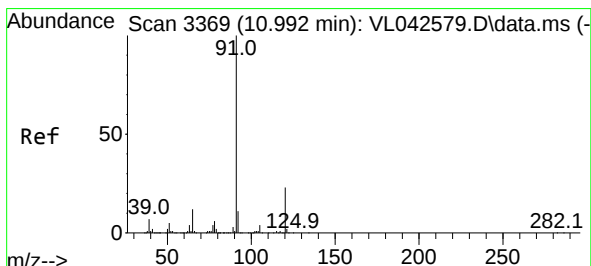
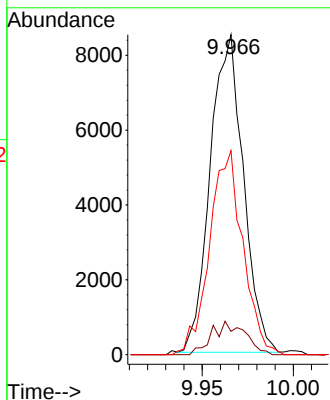
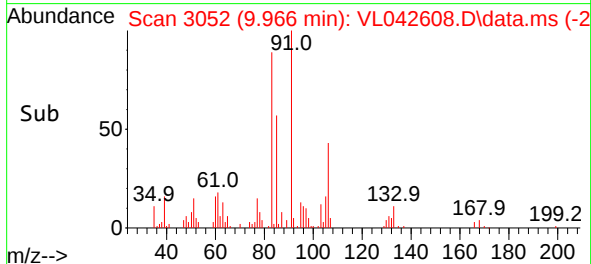
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 83 Resp: 1074
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 64.4 32.5 97.4

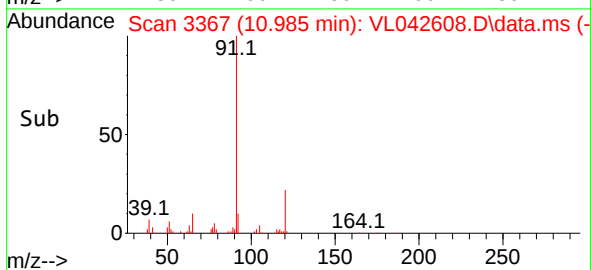
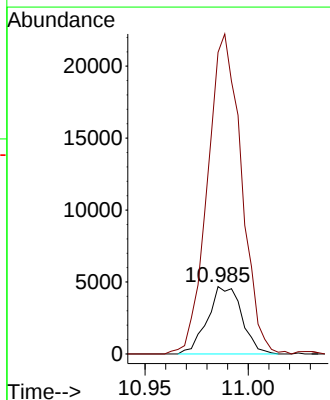
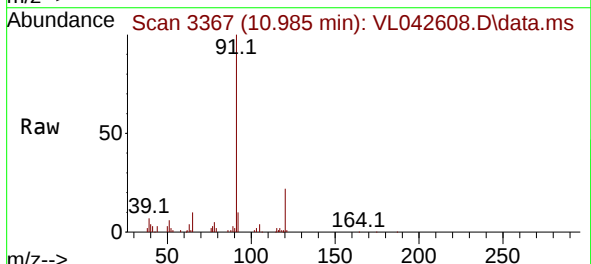
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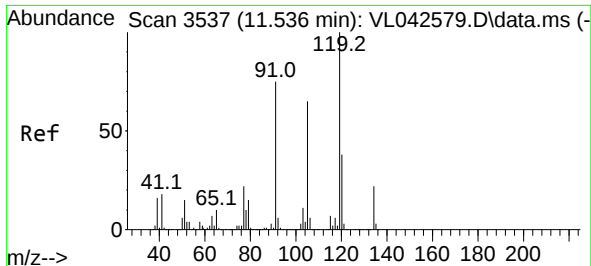
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#64
n-propylbenzene
Concen: 0.414 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

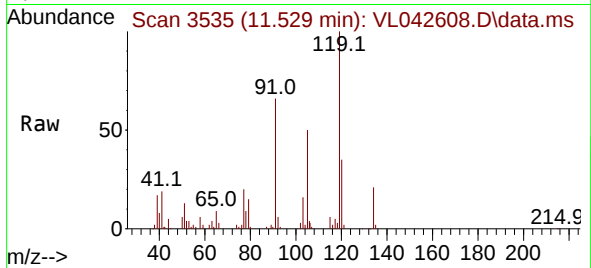
Tgt Ion:120 Resp: 5391
Ion Ratio Lower Upper
120 100
91 474.5 363.0 544.6





#65
tert-Butylbenzene
Concen: 0.454 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

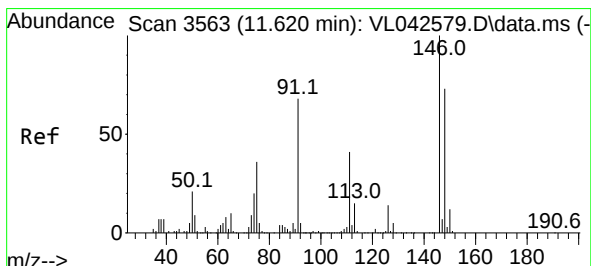
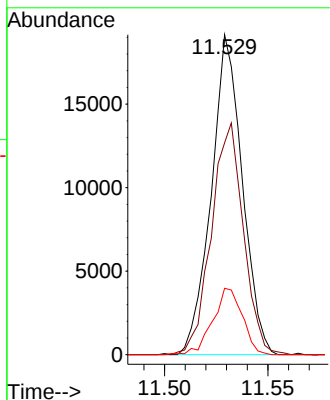
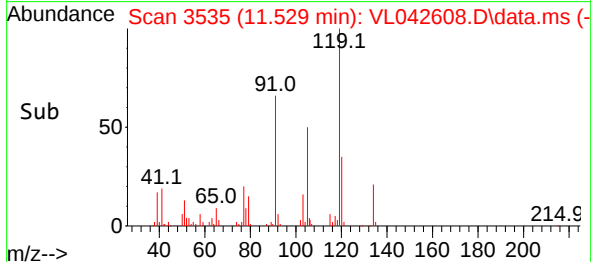
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 119 Resp: 20030
Ion Ratio Lower Upper
119 100
91 74.6 61.1 91.7
134 19.8 17.4 26.2

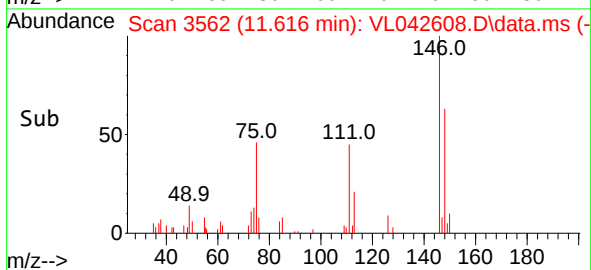
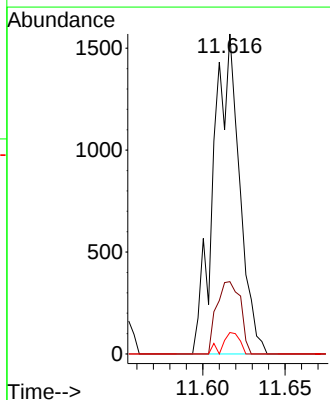
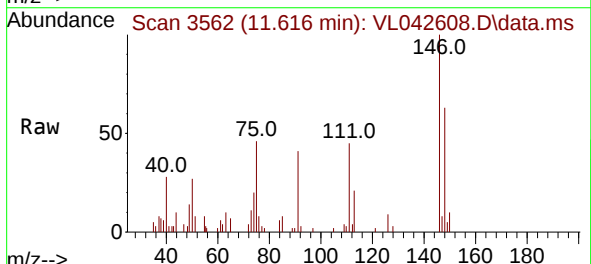
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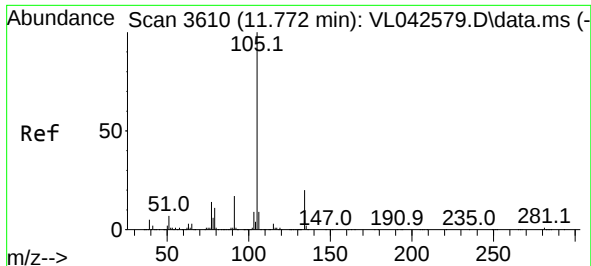
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#66
Benzyl Chloride
Concen: 0.304 ppbv m
RT: 11.616 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

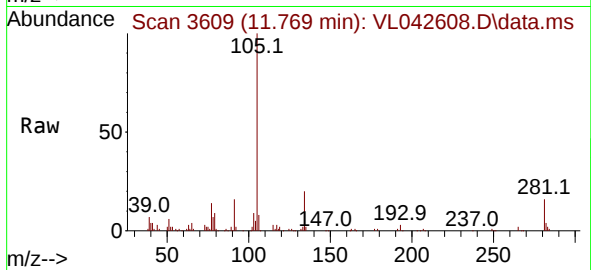
Tgt Ion: 91 Resp: 1724
Ion Ratio Lower Upper
91 100
126 0.0 15.1 22.7#
128 0.0 5.0 7.6#





#67
 sec-Butylbenzene
 Concen: 0.442 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

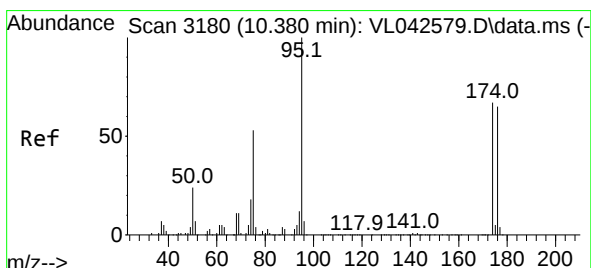
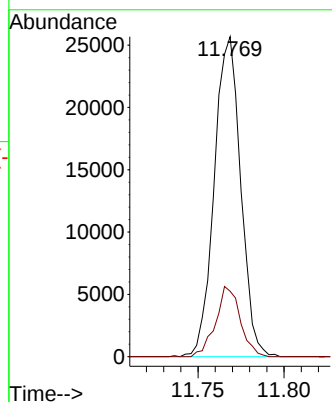
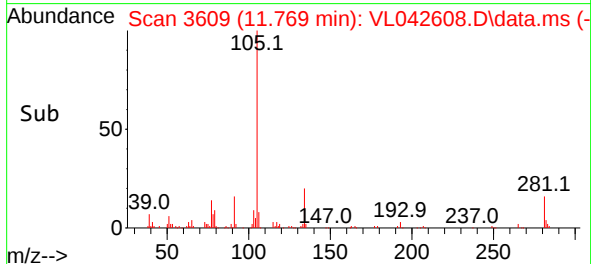
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion:105 Resp: 27392
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.8 23.6

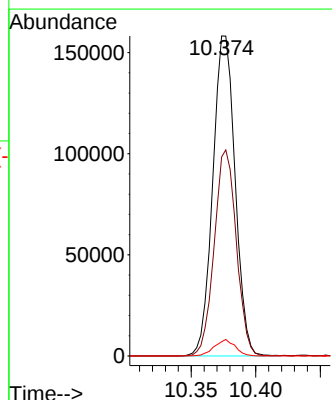
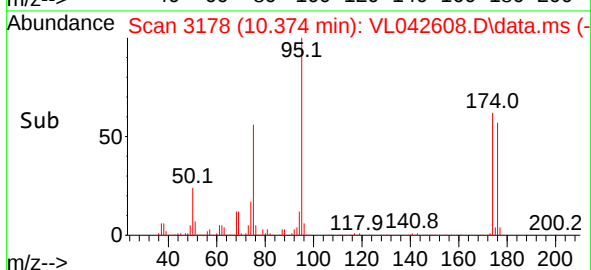
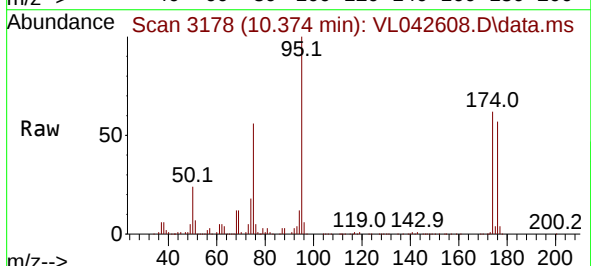
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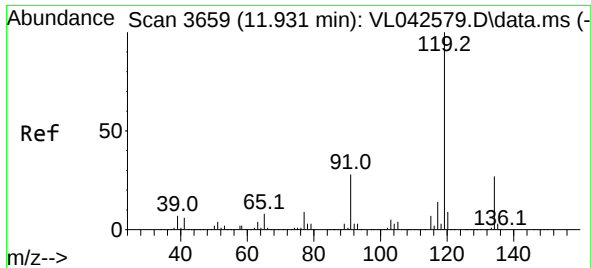
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.272 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion: 95 Resp: 190124
 Ion Ratio Lower Upper
 95 100
 174 63.7 53.1 79.7
 175 4.8 4.2 6.2





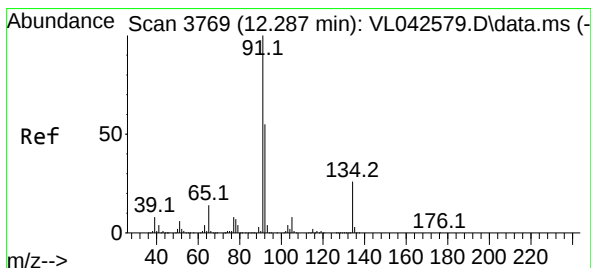
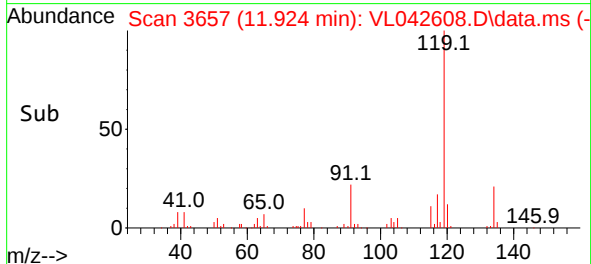
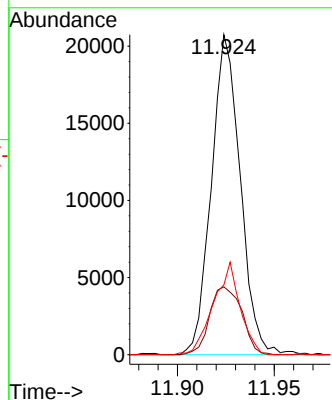
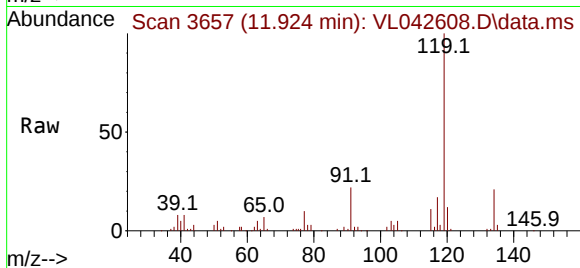
#69
p-Isopropyltoluene
Concen: 0.414 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.6	21.1	31.7
91	26.8	21.9	32.9

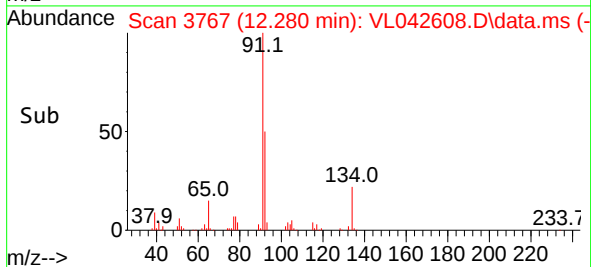
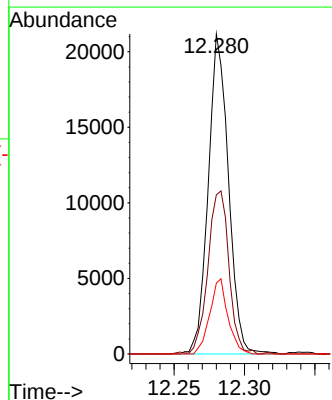
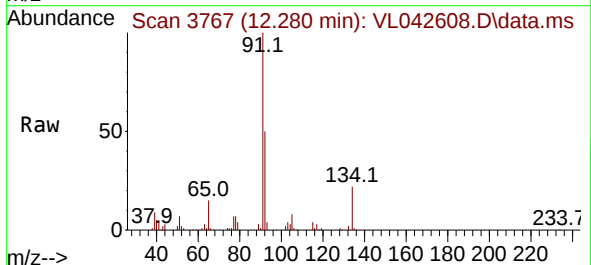
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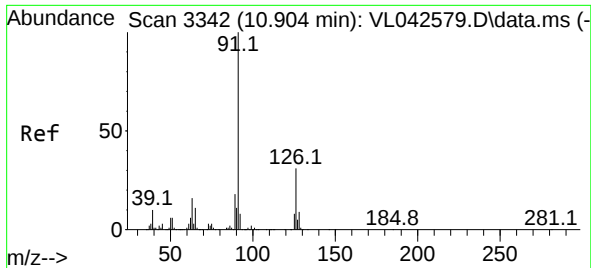
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#70
n-Butylbenzene
Concen: 0.413 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	44.4	66.6
134	21.1	20.1	30.1





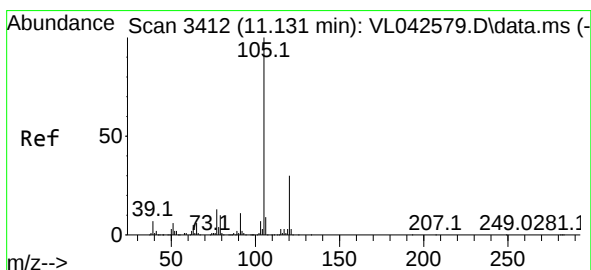
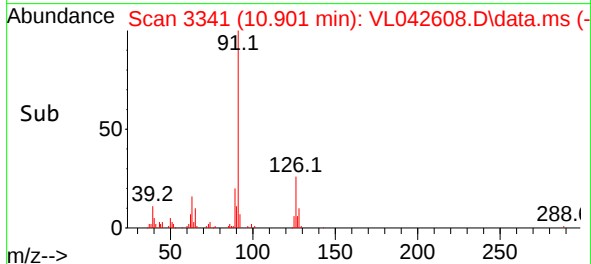
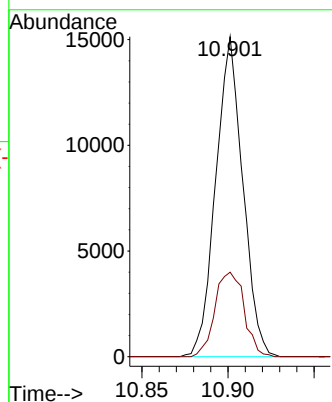
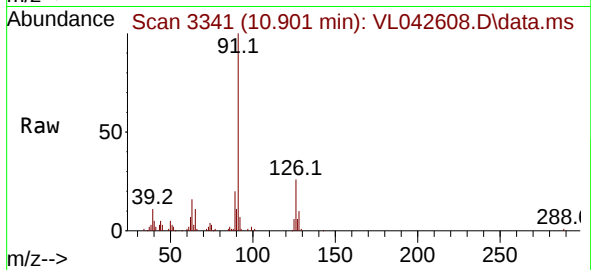
#71
2-Chlorotoluene
Concen: 0.447 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 16562
Ion Ratio Lower Upper
91 100
126 28.5 12.6 50.4

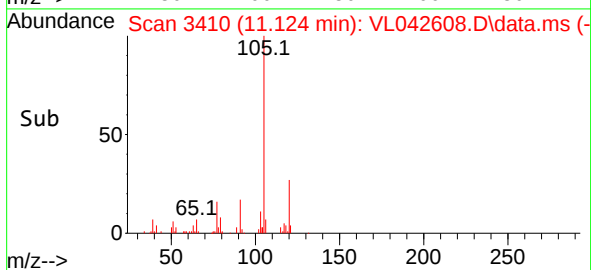
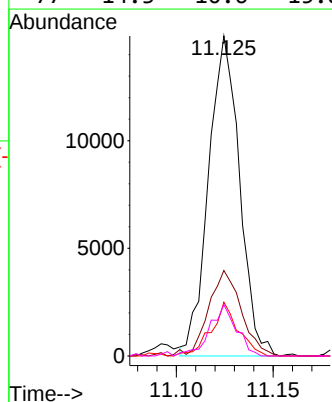
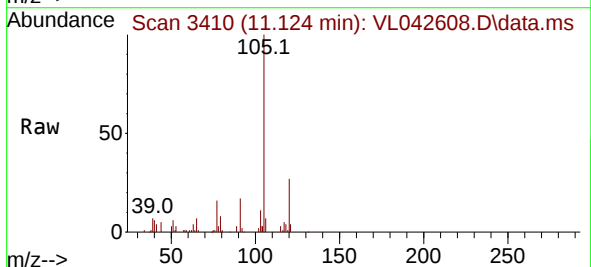
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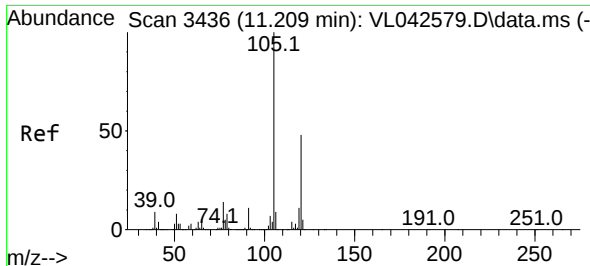
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#72
4-Ethyltoluene
Concen: 0.404 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:105 Resp: 16565
Ion Ratio Lower Upper
105 100
120 28.6 24.6 36.8
91 15.1 9.6 14.4#
77 14.3 10.6 15.8





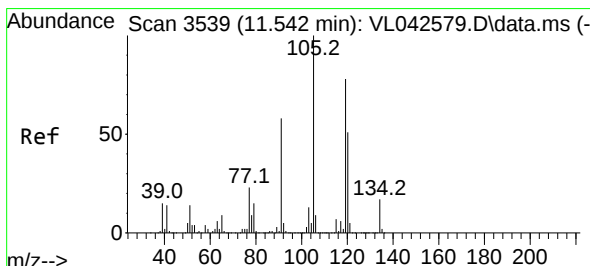
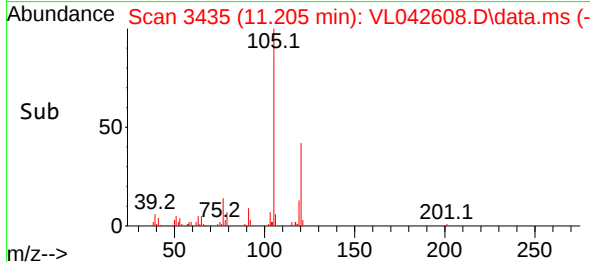
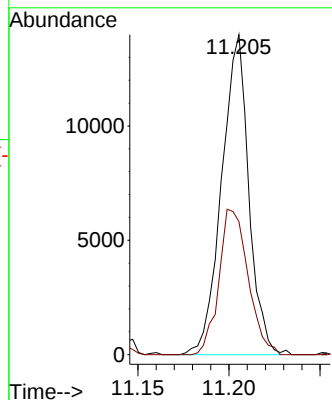
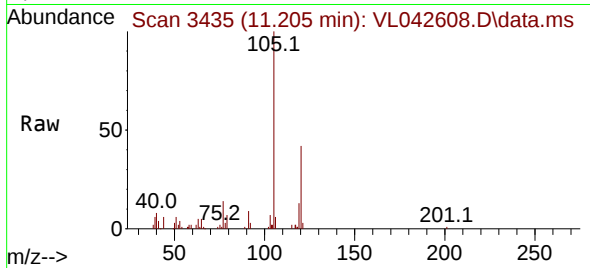
#73
1,3,5-Trimethylbenzene
Concen: 0.426 ppbv
RT: 11.205 min Scan# 3436
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:105 Resp: 1446
Ion Ratio Lower Upper
105 100
120 41.6 38.8 58.2

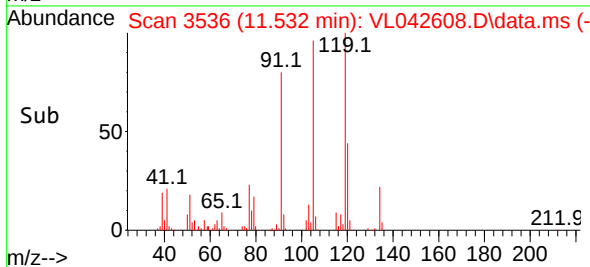
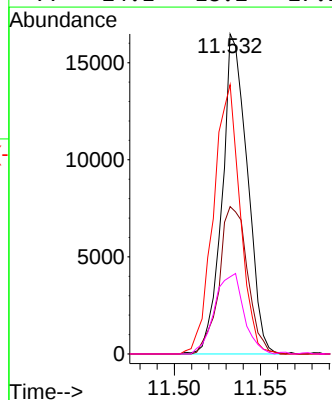
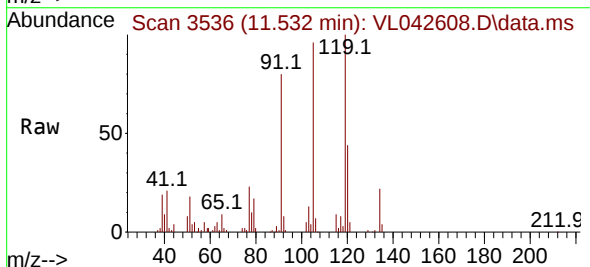
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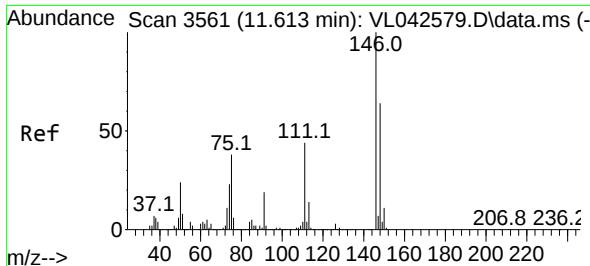
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.446 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:105 Resp: 16780
Ion Ratio Lower Upper
105 100
120 46.0 40.8 61.2
91 84.2 46.8 70.2#
77 24.1 18.2 27.2





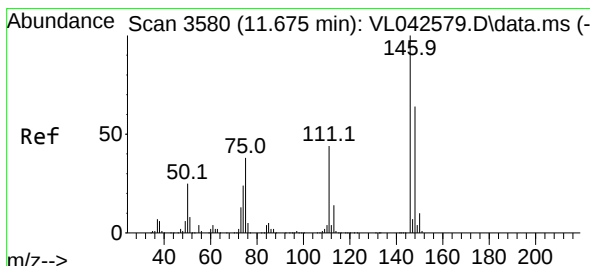
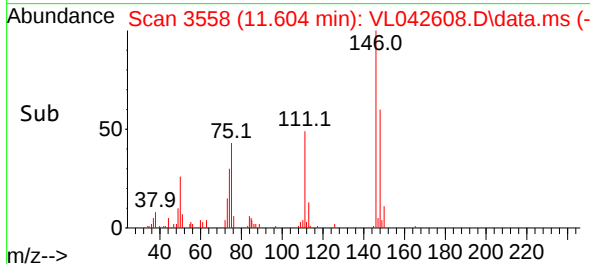
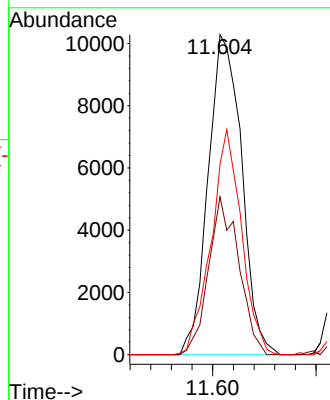
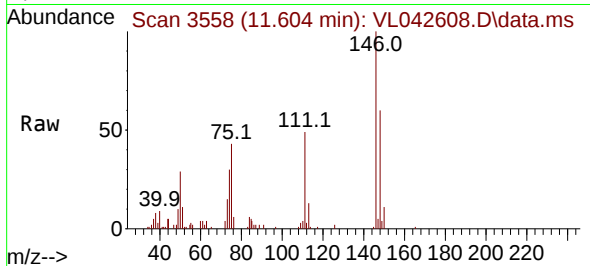
#75
1,3-Dichlorobenzene
Concen: 0.489 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:146 Resp: 1156
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.3
148 64.0 32.0 96.2

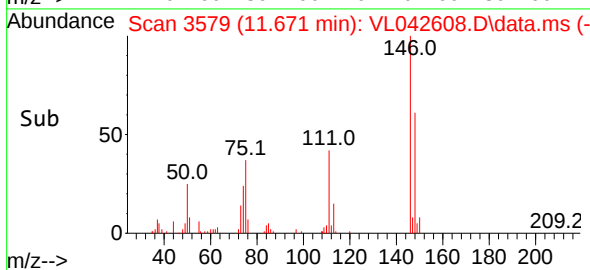
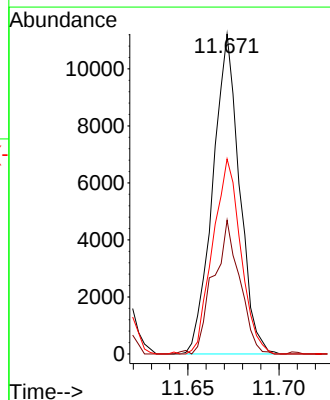
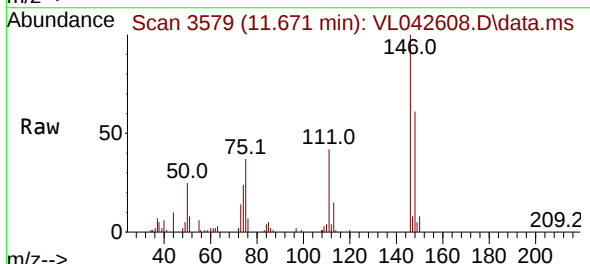
Manual Integrations
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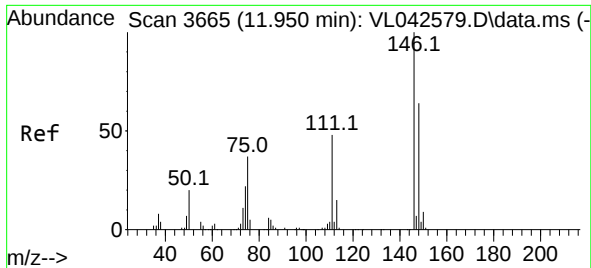
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#76
1,4-Dichlorobenzene
Concen: 0.485 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

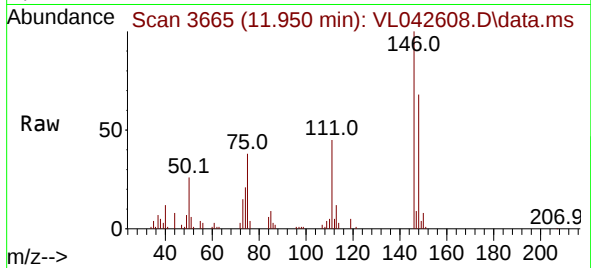
Tgt Ion:146 Resp: 11436
Ion Ratio Lower Upper
146 100
111 41.6 21.6 64.8
148 63.9 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 0.499 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

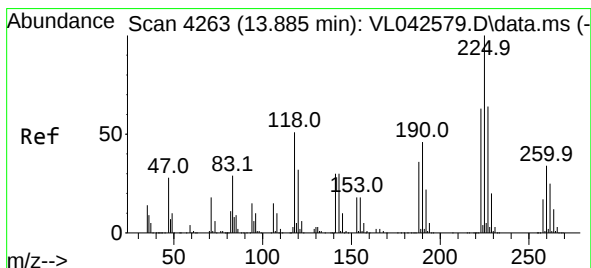
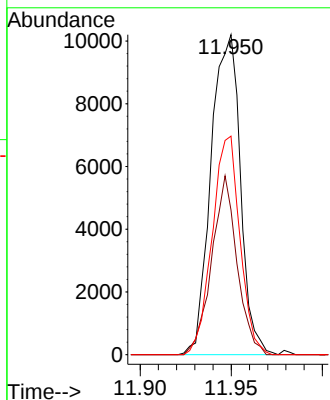
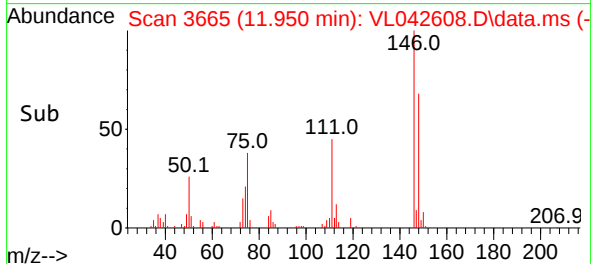
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



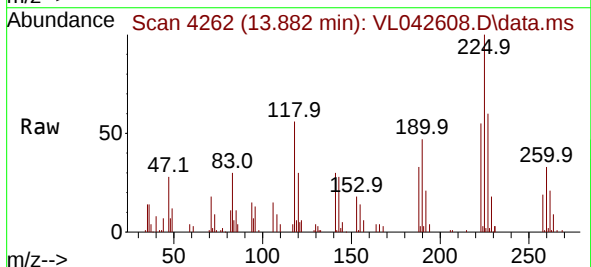
Tgt Ion:146 Resp: 11439
Ion Ratio Lower Upper
146 100
111 48.3 23.1 69.3
148 64.6 32.1 96.3

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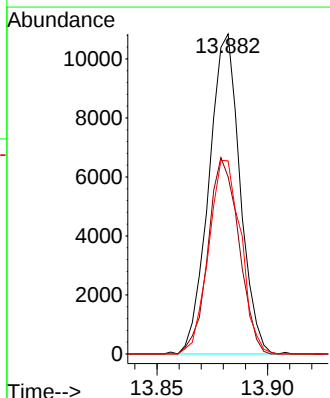
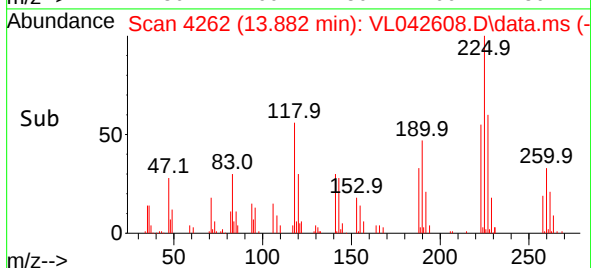
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

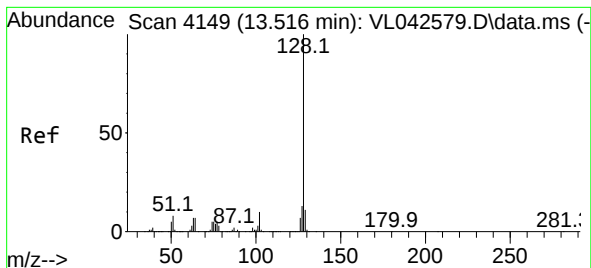


#78
Hexachloro-1,3-Butadiene
Concen: 0.559 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35



Tgt Ion:225 Resp: 10620
Ion Ratio Lower Upper
225 100
223 60.7 50.2 75.4
227 62.5 51.1 76.7





#79

Naphthalene

Concen: 0.284 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

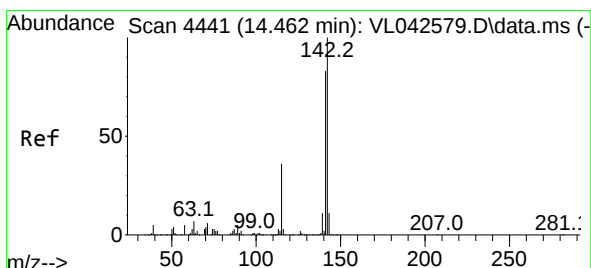
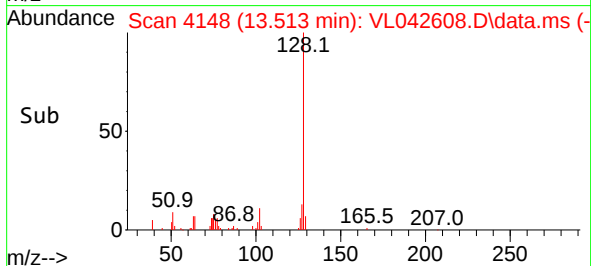
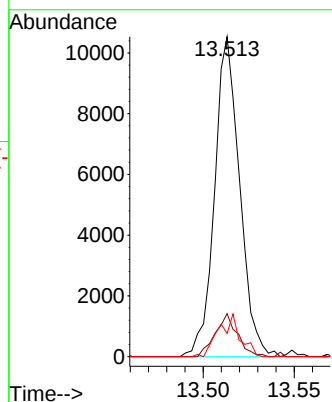
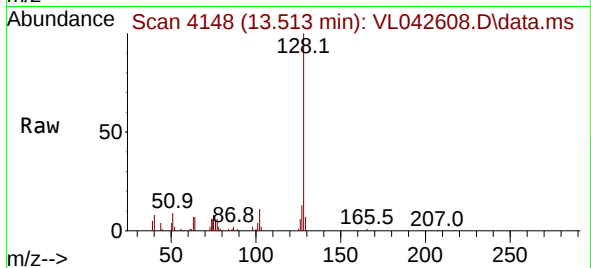
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:	128	Resp:	1009
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	7.3	8.8	13.2

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Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#80

Naphthalene,2-methyl-

Concen: 0.110 ppbv

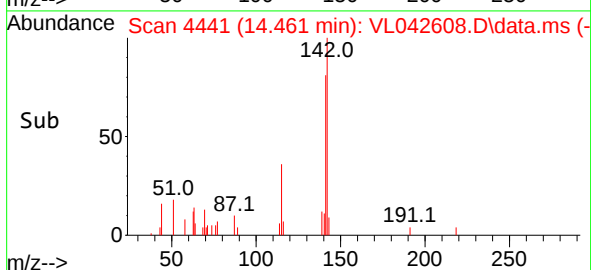
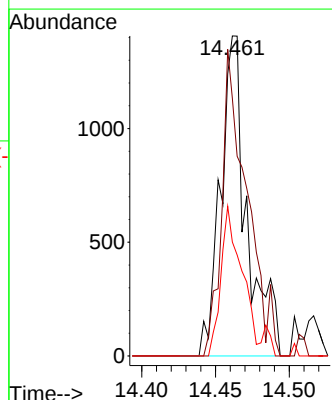
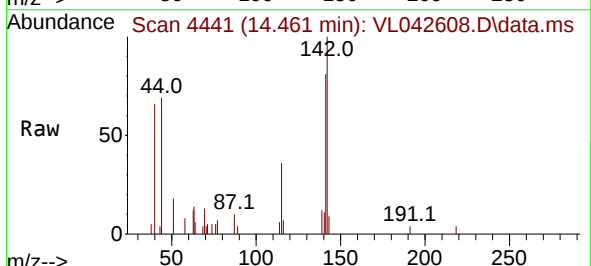
RT: 14.461 min Scan# 4441

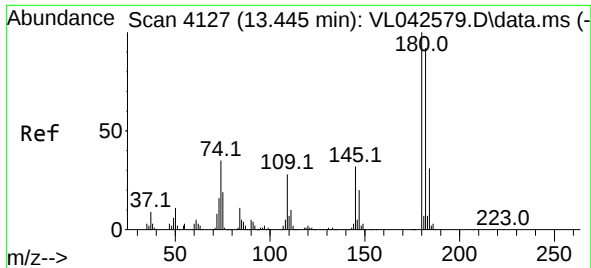
Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

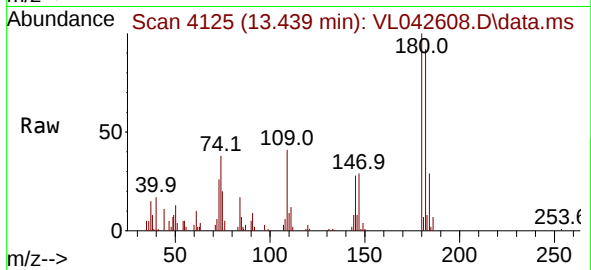
Tgt Ion:	142	Resp:	1762
Ion Ratio	Lower	Upper	
142	100		
141	90.4	66.2	99.4
115	40.4	28.3	42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.306 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.0	112.4
184	33.3	24.6	36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

